_	Α.	R	· ·	<b>D</b>	F	F
1 2	м	b	GENERAL CATALO			-
3	ZDHC Sr. No.	Product Name ALAROMA-BIR	Product Description (few lines) Unique microcapsulated product for insect repellant finish on polyester & its rich blend with cotton, viscose etc.	Features & Benefits (4-5 pointers)  1. Prevents vectors such as mosquitoes, ticks, tsetse files etc. from landing/bring.  2. It is dorfered for dying, & during spray application.  2. It is dorfered for dying, & during spray application.  2. It is dorfered for the direct based on the mechanism of the direct contact repelling (R.C. has received effects based on the mechanism of the direct contact repelling (S.C. has received effects based on the mechanism of the direct contact repelling (S.C. has received for the direct contact repelling (S.C. has received for the direct contact repelling (S.C. has used for hidden when the direct contact repelling (S.C. has us	Chemical Base Toluamide complex	Ionic Character Non-Ionic
4	2	ALAROMA-IR	Alaroma IR is vector i a. mosquitoes, ticks, tsete flies repellent product suitable for synthetic, cellulosic (cotton) & natural fabrics like wood, silk, jute etc & its blends.	Prevents vectors such as mosquitoes, ticks, tsetse files etc. from landing, fixing.     Lisa an outstanding wash resistance & does not influence fabric color.     3. Work on knock down action method. Le. and functions as a neurotoxin, affecting neuron membranes by prolonging sodium channel activation.     3. Passes WHO/CTD/WHO PES/IC/96.1 & US Patent 5,198,287 & USDA laboratory Method	Permethrin complex	Weakly anionic
5	3	ALAROMA Microencapuslated	Microencapsulated fragrance for textile application.	Fragrance & Aroma-Chemicals Antimicrobals (Antifungals, Anti-Mite, Anti-Bacterial, Antivirals) Oil Soluble Vitaminas Plasse Clange Polymers (IV Blockers) Self-Healing Polymers Self-Healing Polymers	Dispersible aminoblast capsule sturry with acrylates	Weakly Anionic
7	4	ALAROMA-SOFT	Fabric conditioner cum softener	1. Long Lasting Fragrance: Cothes remain fresh and fragrant for up to 14 days after washing. 2. Softness: Comfort smoothens the fibers; thereby providing them with a rick softness than thase them a delight to wear. 3. Unbeatable Shine: With each wash, fibers tend to turn dull and lifeless. Using Comfort will ensure your clothes retain their shine and color, for a long time.	Perfumed fatty acid derivative	Weakly cationic
8	5	ALAROMA-SOFT-CS	A conditioner that ensures your dothes get the care they deserve. Treated garments achieves not hand feel with delightful fragrances. It brings back the softness what detergents take away from clothes during the wash process.	1. Long Lasting Fragrance: Clothes remain fresh and fragrant for up to 14 days after variable; 2. Softness: Comfort smoothess the filters; thereby providing them with a rick softness than thates them a delight to wear. 3. Unbeatable Shine: With each wash, filters tend to turn dail and lifeless. Using Comfort will ensure your clothes retain their shine and color, for a long time.	Perfumed fatty acid derivative	Weakly cationic
9	6	ALLEN ANTIDUST ADP	Specialty product designed to impart anti-pollen & anti-dry dust repellent properties to the treated fabrics.	1. It has the excellent anti-pollen & anti-dry dust effects with good durability under repeated washing. 2. Applicable on appared labrics, upholstery, carpets and other household 2. Applicable on appared labrics, upholstery, carpets and other household 3. Does not cause coarsening of handle or any hindnance to water absorbency in treated fabric. 4. It minimizes pollen & dry dust from adhering to the fabrics & allows easy removal of dust 8. pollen from the fabric. Imparted properties are durable to multiple wash & dry-clean cycles.	Modified ceramic Nano- dispersion	Non-ionic / weakly cationic
10	7	ALLENFINISH-ANC	Substantive non-yellowing amphoteric softener	I Full soft handle with excellent surface smoothness. Non-yellowing finish resistant to socroting up to 1800C. Does not impair fabrics water absorbency.  2. Dye bath lubricant preventing crease and rope marks in textured polyester goods during dyeing. No effect on dyed shade. Does not impair thermoning unto subminisation fastisses of disperse dyes. The description of the production of th	Fatty acid amide condensate	Amphoteric
11	8	ALLENFINISH-BA	Specialty finish which confers durable firm & full handle & guffiness (body)	1. Gives cottons, polyesters & blends a full bodied, firm & smooth handle which is typical of expensive fabric materials. On viscose & polyester-viscose satisfings, shirting & dress material. Imparts excellent body, smoothness & drape without stiffness.  2. Particularly satiable in finishing of coarse cotton poplins & sheeting's to obtain the handle of superior varieties. Has no yellowing effect on white fabrics.	Polyester dispersion	Non-ionic
12	9	ALLENFINISH-PU	New generation textile finishing agent based on self-dispersible non reactive ether modified polyurethane.	1. Most suitable for synthetic fabrics and their blends with natural fabrics. 2 Exhibits good compatibility with mino silicone emulsion and other non-ionic and cationic finishing agents 3. Imparts soft and smooth hand to polyester, nylon, rayon and polyester/cotton and polyester/cotton band to polyester, nylon, rayon and polyester/cotton and polyester/score fabrics. 4. Imparts excellent resilience to fabrics.	Ether modified polyurethane	Non-ionic
12	10	ALLENFINISH-PUR	Ether modified reactive block polyurethane for cellulosic, synthetic fabrics and their blends.	Excellent shrink resistance, stretch back and elastic recovery.     Elegant softness and voluninuous handle. Good tear and tensile strength.     Sligh degree of crease resistance. Improves abrasion resistance.     High resistant to laundering and dry cleaning. Reduction of pilling.     Excellent compatibility with other finishing agents (softners etc.).	Reactive urethane pre- polymer	Weakly cationic
13	11	ALLENFINISH-RPU	A thermoactive polyurethane softener for cellulosic & synthetic fibers.	I. Imparts very soft and voluminous handle.     Imparts improved wash and wear properties in combination with cross linking agent.     Imparts improved elasticity and crease recovery of cotton knitted goods.	Reactive polyurethane	Non-ionic
15	12	ALLENOL-PYP	Antiphenolic yellowing agent. High performance composition designed for treating fabrics & garments from yellowing due to storage conditions	I. Normally white PA turn yellow even under slightly acid conditions. This is due to the actionic character of the rea mino end-groups of PA which interact with the antioxidant derivate  2. Alleno-PPP is preventing such yellowing while blocking the free amino end-groups of the PA.	Sulfonic acid derivatives & specialty additives	Anionic
16	13	ALQUAT-SOL	Weight reducing accelerator agent for polyester in alkaline bath	1. It is an eccellent weight reducing accelerator in caustic alkaline baths applicable by dipping process R pad-steam process. Its addition at low levels of 22 - 25% in caustic baths commonly boosts the rate of hydrolysis by over 400% even with 50% reduction of caustic soda concentration.  2. It is biodegradable & environmentally friendly.	Ammonium salt blend	Cationic
17	14	ALQUAT-WR-M	Weight reducing accelerator agent for polyester in alkaline bath	1. It is an excellent weight reducing accelerator in caustic alkaline baths applicable by dipping process 8 gad-steam process. Its addition at low levels of 0.2 - 0.5% in caustic baths commonly boosts the rate of bydrolysis by over 400% even with 50% reduction of caustic soda concentration.  2. It is biodegradable 8 environmentally friendly.	Ammonium salt blend	Cationic
10	15	ALTRAPLEX-LP	Lycra protector	Altraplex-LP can be used to prevent the shrinkage or breakage of the stretch Lycra yarn in stretch denim or PFD garments.     It has excellent heat resistance, and does not cause yellowing.	Pyrogenic silica sol	Weakly cationic / non-ionic
19	16	ALTRAPLEX-WG-M	It is a finishing and weighting or weight gain agent for all type of fabric substrates	The handle of the goods finished with it corresponds to that of somewhat denser material.     It does not clust and does not leave any chalk marks when stored for a longer period of time.     The finish work reharden.	Combination of organic and inorganic substances	Weakly cationic
	17	ALTRAPLEX-WPA	A fiber protective agent for wool when dyeing PES/WO blends at temperatures up to max 120°C.	Counteracts the degradation of keratin by cross-linking.     Textiles treated with Altraplex-WPA are practically formaldehyde-free.	Based on complex polycarboxylates	Anionic
20	18	ALTRAPLEX-WSA	Developed as a color stripping agent.	1.Vintage looks or faded effect on garment. 2. High redox potential. Redox buffer for sulphur & vat.Stable vat. 3. Reductive bleaching. 4. Reductive stone wash for denim.	Based on sodium borohydride	Cationic
22	19	ANTIPIL-CAS	Antipil & antislip agent produced by an insitu reaction which results in stable nano dispersions.	1. Treated fabric imparts excellent antipil, antistilp and antismag properties, improving seam resistance and resistance to thread slippage of all slippage prone fabrics, particularly suitable for apparel fabrics like blouses and shirts.  2. It has an excellent antistatic effect on polyester fabric.	Pyrogenic silica sol	Weakly Cationic

+	A 20	B ANTIPIL-FW	C Antipil & antislip agent produced by an insitu reaction which results in stable	D  1. Improving seam resistance and resistance to thread slippage of all slippage-	E Pyrogenic silica sol	F Weakly Cationic
			nano dispersions.	prone fabrics, particularly suitable for apparel fabrics like blouses and shirts.  2. Outstanding soft handle compared to conventional anti-slipping agents, hand feel is maintained on fabric.  3. Greatly improves resistance to thread slippage and seam strength.  4. Avoids seam damage on the garments during wearing.		•
23				4. Avoids seam damage on the garments during wearing.		
	21	ANTIPIL-NAC	Antipil & antislip agent produced by an insitu reaction which results in stable nano dispersions.	I. Improving seam resistance and resistance to thread slippage of all slippage prone fairies, particularly saitable for appared fabrics like blouses and shirts.     2. Outstanding soft handle compared to conventional anti-slipping agents, hand feel is maintained on fabric.     3. Greatly improver esistance to thread slippage and seam strength.     4. Avoids seam damage on the garments during wearing.	Pyrogenic silica sol	Weakly Cationic
24	22	ANTISLIP-ASA	Antipil & antislip agent produced by an insitu reaction which results in stable	Inproving seam resistance and resistance to thread slippage of all slippage.	Pyrogenic silica sol	Weakly Cationic
25			nano dispersions.	prone fabrics, particularly suitable for appared fabrics like blouses and shirts. 2. Outstanding soft handle compared to conventional anti-slipping agents, hand feel is maintained on fabric. 3. Greatly improves resistance to thread slippage and seam strength. 4. Avoids seam damage on the garments during wearing.		
	23	AQUACOAT-AFA	A water soluble polyester co-polymer resin which acts as anti-fraying agent	I. It has superior adhesive & cohesive property with various kind of materials, particularly with the resin materials (particularly with the resin materials (patiester, vinyl chloride, and polycarbonate) & the metallic materials (Aluminum, copper).  2. Minimum loss in elongation.  3. Superior weather resistance, since it does not contain double bond in its saturated polyceter resin.	Polymeric Polyester Resin	Anionic
26	24	AQUACOAT-HPR	A high molecular weight polyester copolymer resin, designed as a functional additive with wide applications in processing woven/non-woven textiles, paper, paints, inks and coating agents.	6. Forms transparent film after drying.  1. The superior Affabetive with various kind of materials, particularly with the resis nativersal(polyester, viny) chloride, polycarbonate) & the metallic materials(Alumium, copper)  2. Superior adhesive & cohesive property  3. Minimum loss in elongation & it has abrasion resistance properties.  4. Better surface smoothness & softness after sizing  5. Superior weather resistance, since it does not contain double bond in its  6. Superior weather resistance, since it does not contain double bond in its  7. Forms transparent film after drying.	Polymeric Polyester Resin	Anionic
П	25	AQUACOAT-HPU	It is a water dispersion polyurethane resin for lamination and coating. It can provide excellent film formation on any releasing paper, does not cause	Excellent heat stability and against hydrolysis.	Water dispersion polyurethane resin	Weakly Anionic
28			repelling and pin-holes during coating, provides soft yet strong and high extension characteristics, also provides stretch-back property of polyurethane's characteristics	2. Non-yellowing type, Very good light-fastness, least color change by NOX gas. 3. Environmentally friendly product. 4. The film by this resin is very soft yet strong. 6. Abrasion, flexibility, etc. is excellent and provides very soft hand.		
20	26	AQUACOAT-STA-M	It is a hard resin for abrasion resistance & anti-snagging properties on fabrics. It gives stiffness on cotton & polyester fabrics. It also gives body to the fabric.	1. It has superior adhesive with various kind of materials, particularly with the resin materials (polyester, vnly chloride, and polycarbonate) & the metallic materials (Aluminum, copper).  2. Superior adhesive & cohesive property.  3. Less dropping and lesser warp breaks.	Saturated co-polymer of terephthalic acid base	Anionic
30	27	AQUACOAT-UC	Aqueous, durable finishing agent designed for single or multiple coating applications. It imparts a clear medium soft, non-air permeable continuous flexible coating on all kinds of synthetic woven fabrics & their blends.	I. It imparts a clear medium soft, non-air permeable continuous flexible coating on all island of synthetic woven fabrics is. Nylon, Polyester, Polypropylene & their blends.     2. The coated fabrics exhibit plants of their days, & Residability. A day smooth soft of their coated fabrics exhibit control in air and water permeability. These properties are durable to dry cleaning and laundering.     3.1 is recommended for following applications: Umbrella Fabrics, Active sportswar; Mind Chaeters, ski-sulks, Soft luggage, Awnings, Boat Salis, Boat covers, Continental quilt covers etc.	Specialty acrylates & Polyurethane	Anionic
31	28	AQUACOAT-Z-880	A water soluble polyester co-polymer resin. It is the saturated co-polymer of terephthalic acid base. It is a hard resin.	Lit has superior adhesive with various kind of materials, particularly with the resin materials(polyseter, vnly) chloride, polycarbonate) & the metallic materials(Aluminum, copper)  2. Superior adhesive & cohesive property  3. Minimum loss in elongation	Polyester resin dispersion	Anionic
22	29	AQUAREPEL-ECO-PLUS	A long-lasting, fluorine-free water repellent finish targeted to fabrics used in outdoor, leisure and sportswear applications.	1. Water repellency: It offers superior water repellency levels to existing fluorine-free products available on the market and close to C6 fluorochemicals. To recover the water repellency after laundering, ironing is not necessary.  2. Pleasant touth: softness and bulky hand-feel ensures the fabric stays pleasant to the touch.  3. No impact on breathability of the fabric.  4. Sustainability: fluorine-free. Ecofriendly.  5. Free from PTEV (Perfluorinates) & hanned substances.	Polymers of high branched dendrimers in a matrix of hydrocarbon	Cationic
33	30	AQUAREPEL-XAN	A fluorocarbon extender with outstanding effect improvement in combination with fluoro chemicals. Optimizing the oil & water repellent effects on delicate articles	Marked improvement of the fastness to washing and dry cleaning & abrasion resistance.     Optimizing the oil and water repellant effects on delicate articles.     The fabric protection is retained on a high level.	Dispersion of an oxime blocked polyisocyanate	Cationic / Non-ionic
24	31	Aquarepel XC-630-ECO	Aquarepe XC-430-EC0 is C6 chemistry based fluorocarbon concentrated product for technical articles and synthetic based fibers for water, oil and alcohol-repellent effects.	L. Main application areas are textiles made of synthetic and cellulosic fibers and their blends. J. Enfers high washing durabilities by using a blocked isocyanate.  31 belongs to a generation of high LAD (bundry air dry potential).  4 it shows good stabilities against atmospheric conditions and UV-radiation.  5 it does neither contain detectable amounts of PFOS nor PFOA.	Dispersion of a fluorine compound	Weakly cationic
34	32	Aquarepel XC-630-N	Aquarepel-XC-630-N is C6 chemistry based fluorocarbon concentrated product for technical articles and synthetic based fibers for water, oil and alcohol-	It offers high washing durabilities by using a blocked isocyanate.2. Due to non ionic nature no roller buildup issues in long running	Dispersion of a fluorine compound	Non io0nic
35	33	AQUAREPEL-ZERO-FC	recellent effects.  Along-lasting, fluorine-free water repellent finish targeted to fabrics used in outdoor, leisure and sportswear applications.	1. Water repellency: It offers superior water repellency levels to existing fluorine-free products available on the market and close to 6.6 fluorochemicals. To recover the water repellency after lundering, ironing is not necessary.  2. Pressant touch: softness and bulky hand-feel ensures the fabric stays pleasant to the touch.  2. Pressant touch: Softness and bulky hand-feel ensures the fabric stays pleasant to the touch.  3. Satistability: Universifier Exciption of the fabric.  4. Satistability: Universifier Exciption of the fabric stays pressure that the fabric stays the fabric stays the fabric stays are stays to the fabric stays the fabric stays are stays and the fabric stays are stays as the fabric stays are stays are stays are stays as the fabric stays are stays are stays as the fabric stays are stays are stays as the fabric stays are sta	Polymers of high branched dendrimers in a matrix of hydrocarbon	
	34	AQUASORB-HIS	A quaternary ammonium softener used to protect indigo dyestuff against ozone fading. It does not carry a red label.	AEEA free. Ecofriendly antiozone softner. It is used to protect indigo dyed fabrics and garments against ozone & NOx fading.	Quaternary ammonium tetra-alkyl ammonium sulphate	Cationic
37	35	AQUASORB-SR	It imparts durable soil release & anti-soil re-disposition properties to 100% polyester, nylon & its blends	Finishing polyester, nylon fabrics with Aquasorb-SR improves: -Antistatic properties -Soll release - Antistatic properties - Soll release - Anti-soil redisposition - Witching absorption - Witching	Polymeric hydrophile	Non-ionic
30	36	AQUASORB-TT	A highly concentrated hydrophilic softener & comfort finish, based on proprietary quat.	1. Flight (cettury) non-prosy softness with full natural handle. 2. Excellent water shoothency 8 rapid motorure transport durable to multiple royles of hundering to multiple royles of hundering. 5. Excellent surface smoothness with good interfibre labricity and flexibility. 6. Excellent ozone fade inhibitor for Indigo dyed Denim fabric & garments. Prevents atmospheric codidation of Indigo dyes 8 thus retains Dye shade & Its brightness 8 excludes it.	Modified quaternary compound	Cationic
40	37	DERMASET-APF	Anti-fibrillation / Anti-pilling Agent. Modifier of cellulose fiber to prevent fibrillation of cellulose fibers & regenerated cellulosic fibers (viscose, reyon, polynosic, cupramonium rayon, etc.), Friende cellulose fiber services, esemisynihetic cellulose fibers such as cellulose actent diacetate & tricateate, linen fibers etc. without significantly impacting the softness & other physical properties of the fibers	Dermaset-APF prevents the fibrillation without damaging the softness of the cellulose fibers.     Uniform dysing & no patchiness due to removal of fibrillation. Improved efficiency in deep dysing cellulose fibers and a deep dysing pretreatment using the same.     Semander of the deep deep deep deep deep deep deep de	Chlohydrin polyether	Non-ionic
41	38	DERNASET-VRT	Anti-fillindison / Anti-pilling Agent. Modifier of collabore fiber to prevent fibrillation of collabore fiber to prevent fibrillation of collabore fiber frequent of collabore fiber victories, rayon, polymosic, cuprammonium rayon, etc.), refined cellulose like tencel, semisymbetic cellulose fiber acub as cellulose actate, disacetate & tracteate, limen fibers etc. without significantly impacting the softness & other physical properties of the fibers	1. Dormaset-WTT prevents the fibrillation without damaging the softness of the cellulose fibers. 2. Uniform dyeing & no patchiness due to removal of fibrillation. Improved efficiency in deep dyeing cellulose fibers and a deep dyeing pretreatment using the same. 3. Dermaset-WTT gives rich soft bulk on cellulosis & regenerated cellulose fibers are a deep dyeing pretreatment using the same. 4. Repute spirit of the description of the second proposal of the second proposal of the viscose, rayon fabric. Cellulosis fabric appears rich fille yarn dyed fabric. 4. Reduces pilling & improves abrasion resistance.	Chlohydrin polyether	Non-ionic

	A	B	С	D	E	F
42	39	FINISH-8F	A specialty finish which confers durable firm & full handle (body) or guffiness to fabrics  Flexii HSSD hydrophilic textile softener is a water-dispersible aminomodified	1. Gives contons, polyesters & blendt a full holided, firm & mouth handle which is typical of openavier fabric materials. On viscose & polyester-viscose saitings, shirting & dress material. Imparts secellent body, smoothness & dreps without stiffness.  2. Particularly saitable in finishing of coarse conton poplins & sheetings to obtain the handle of superior varieties. Has no yellowing effect on white fabrics.  3. Does not cause duiling or shade change, which is encountered with conventional hand modifying agents.	Specialty surfactants & soft acrylic  Ternary block functional	Weakly anionic  Weakly cationic / non-ionic
43			hydrophilic softener based on new tech nology.	hinshed by Pressel HSSD.  2. Acid and alkali resistant, high shear resistance.  3. No roller buildup, no-de-emulsification or floating oil and no silicone spot. Gives excellent water retention & moisture management properties	silicone copolymer	ready addition, not the
44	41	POWERSIL-NT	A premium hydrophilic silicone fluid imparting a very soft silky handle while virtually maintaining the original substrate whiteness & hydrophilicity.	L. Superior affinity for many of the fabrics.     Easy to emulsity.     I. Imparts durable hydrophilic softness to fabrics.     I. Imparts durable hydrophilic softness to fabrics.     C. Causses virtually no yellowing of white or light shade goods.	Linear polyquaternary- polysiloxane polyalkyl alkyleneoxide copolymer	Weakly cationic
	42	AQUASIL-4103	Adurable concentrated hydrophilic silicone softener designed to exhibit humriously so fit sentible hand feet is all types of cellulosic, regenerated cellulosic & cellulosic blends of fabrics irrespective of composition & structure	I. Imparts excellent softening without hampering the hydrophilicity of the fabric. Good water retention     Towels appear bulked and extremely soft. Excellent water retention     Treated fabric does not have any impact on chlorine fistness properties (pool water fast softener)     Low viscosity & pumpable. Suitable for auto-dispensing systems.	Emulsion of modified amino siloxane	Weakly cationic / non-ionic
45	43	AQUASIL-4122	A durable concentrated hydrophilic silicone softener designed to exhibit hazarfossity soft & flexible hand feels to all types of cellulosic, regenerated cellulosic & cellulosic blends of fabrics trespective of composition & structure	Imparts excellent softening without hampering the hydrophilicity of the fabric. Good water retention     Tood water retention     Towest appear bulked and extremely soft. Excellent water retention     STreated fabric does not have any impact on chlorine fastness properties (pool water fast softener)     Low viscosity & pumpable. Suitable for auto-dispensing systems.	Emulsion of modified amino siloxane	Weakly cationic / non-ionic
47	44	AQUASIL-430	Macro nonionic to weakly cationic hydrophilic silicone softener	1. The silicone finish provides textiles with an innovative structure that combines outstanding softness with excellent water absorption 2. Due to the surface oriented silk like and supple softness effect it is particularly suitable for light woven and knit goods where hydrophilic properties are of importance.	Emulsion of modified amino siloxane	Weakly cationic
48	45	AQUASIL-5266	An innovative microsilicone hydrophilic softener for extraordinary bounciness and inner softness	I. Imparts excellent softening without hampering the hydrophilicity of the fabric.     Towels appear bulked and extremely soft. Excellent water retention	Emulsion of modified amino siloxane	Weakly cationic / non-ionic
49	46	AQUASIL-5769	A durable non-yellowing hydrophilic silicone softener	<ol> <li>Improve the wettability of textiles and in this way increase the wearing comfort because e.g. perspiration and moisture can be absorbed faster and transferred to the outside.</li> </ol>	Emulsion of modified amino siloxane	Weakly Cationic
50	47	AQUASIL-820	A self-dispersing polyether-animo-functional silicone fluid. It improves the wear comfort of textiles and is therefore particularly suitable for use with non-woven and terry goods.	1. Aquasi-1820 considerably improves the wear comfort of textiles and is therefore particularly suitable for use with non-moven and terry goods. 2. The hydrophilic properties are the result of the special orientation of Aquasi-1820 on the fiber surface. The allows unmerstricted moisture transport associated with high-quality silicone textile softeners.	Emulsion of modified aminosiloxane	Weakly Cationic
51	48	AQUASIL-COTT	Macro nonionic to weakly cationic hydrophilic silicone softener	The silicone finish provides textiles with an innovative structure that combines outstanding softness with excellent water absorption 2. Due to the surface oriented silk like and supple softness effect it is particularly suitable for light woven and knit goods where hydrophilic properties are of importance.	Emulsion of modified amino siloxane	Weakly cationic
52	49	AQUASIL-GSQ	Hydrophilic softening and smoothening agenting agent with optimised sexwaltily suitable for all fibre types, especially high absorbent cellulosic and synthetic fibres, especially suitable for terry or knitted goods	<ol> <li>Confers a very soft, voluminous handle with good surface smoothness.</li> <li>Excellent maintenance of the absorptive properties of hydrophilic textiles. Increases elasticity and elastic recovery of knitwear.</li> <li>Improves anticrease properties, tear strength and abrasion resistance in resin finishing.</li> </ol>	Emulsion of modified amino siloxane	Cationic
53	50	AQUASIL-HS	A durable concentrated non-yellowing hydrophilic ullicones oftener designed to enablite excellent soft, smooth and greasy bully hand while retaining the fabrics original water absorbency & pile.	fabric.  2. Non-yellowing & shear stable.  3. Imparts good moisture management finish & hence suitable for PE & PE rich blended fabrics.	Emulsion of modified amino siloxane	Weakly cationic / Non-ionic
	51	AQUASIL-KSM	A speciality hydrophilic softener for all types of fabrics, especially terry towels and knits	I. Imparts excellent softening without hampering the hydrophilicity of the fabric Excellent pile retention. Especially suitable for terry towels 2.Low viscosity & pumpable. Suitable for auto-dispensing systems.	Emulsion of modified amino siloxane	Weakly Cationic
54	52	AQUASIL-LUX	A speciality hydrophilic softener for all types of fabrics, especially terry towels and knits	I. Imparts excellent softening without hampering the hydrophilicity of the fabric. Excellent pile retention. Especially suitable for terry towels: 2.Low viscosity & pumpable. Suitable for auto-dispensing systems.	Emulsion of modified amino siloxane	Weakly Cationic
55	53	AQUASIL-MB	An innovative microsilicone hydrophilic softener for extraordinary bounciness and inner softness	In Imparts excellent softening without hampering the hydrophilicity of the fabric.     Towels appear bulked and extremely soft. Excellent water retention	Emulsion of modified amino siloxane	Weakly cationic / non-ionic
57	54	AQUASIL-PP	Hydrophilic softening and smoothening agent suitable for pigment printed fabric	I. Impart excellent softening without hampering the hydrophilicity of the fabric.     Stable over wider range of temperature. Improved soft, smooth hand and soil release properties.     Suitable for pigment printed fabric.	Emulsion of modified amino siloxane	Weakly Cationic
58	55	AQUASIL-SP	Economical non yellowing hydrophilic silicone softener for cotton woven & knitted fabric	<ol> <li>Imparts excellent softening without hampering the hydrophilicity of the fabric.</li> <li>Imparts good moisture management finish &amp; hence suitable for PE &amp; PE rich blended fabrics.</li> </ol>	Emulsion of modified amino siloxane	Weakly Cationic
59	56	AQUASIL-TF	Macro nonionic to weakly cationic hydrophilic silicone softener for excellent surface smoothness or greasy touch	1. The silicone finish provides textiles with an innovative structure that combines outstanding softness with excellent water absorption 2. Due to the surface oriented silk like and supple softness effect it is particularly suitable for light woven and knit goods where hydrophilic properties are of importance.	Emulsion of modified amino siloxane	Weakly cationic
	57	AQUASIL-WL	Aquasil-WL is a durable, hydrophilic silicone softening and smoothing agent for textiles of all fiber types	1. Treated fabric confers voluminous handle effects, especially suitable for white goods or microflhers. Treated fabric does not have any impact on chlorine fastness properties (pool water fast softener). It has high & super high shear alkall stability & anionic stability.  2. Imparts excellent soft bulky handle.  3. Gives excellent surface smoothness with bulk on cotton sheeting fabric	Proprietary silicone copolymer with reactive groups	Weakly Cationic
61	58	DERMASIL-FMW	Dermasil-FMW is a silicone micro emulsion, suitable for all types of fiber softening in knitting & weaving applications with soft, smooth feel, improved stretch knit fabric reply, elastic fiber & sewing performance. It is compatible with soil release finishing with same bath. Recommended for whites.	I. It improves elasticity & streatchability of knit goods.     I. it is specially suitable for white goods since it does not impair the effect of optical brightners.     Shear stable. Non-yellowing.	Amino modified silicone elastomer (quaternary silicone)	Non-ionic / cationic
62	59	DERMASIL-JSS	Dermasil-JSS is a revolutionary product that possesses outstanding stability under allaline conditions in high temperature conditions under which conventional amino silicone emulsions separate and cause slicince spots. It is delivers as odi, silily and fill hand feel with a hydrophilic property to various fabrics at lower see levels than other products. It can be applied to a variety of fabric to deliver outstanding softness with very little yellowing compared to conventional amino silicones	Amazing silicones softeners with virtually no yellowing.     Can be used on all types of cotton and synthetic fabrics.     Easy to handle liquid that is disuble in water with minimal stirring.     Compatible with most finishing additives.	Amino modified polysiloxane fluid	Weakly cationic
63	60	FLEXSIL-BQ	It is a organ-modified polydimethyldiocane terpolymer. It imparts a very soft, smooth, and stilly truck it hourstoon touch with an ultimate offer for all types of fabrics, imparting resilience properties in fabric and it has very little effect on the degree of whiteness.	1. Excellent softener with outstanding hand feel on cotton & PC lenitted fisheries.  2. It imparts excellent hydrophilic nature especially in cotton, yarn dyed cotton, polyses for cotton and polyseter for woven, non-wore, lattited and mercerized fabrics.  3. It imparts comfort surface smoothness & antistatic properties.  4. It is suitable for hair processing in different finishing machines, sepacially polyseter & viscoes fabric.  5. It also has chlorine water fastness properties.	Silicone copolymer	Weakly cationic

				_		
1	A 61	B FLEXSIL-HSF	Flessil HSF hydrophilic textile softener is a water-dispersible aminomodified hydrophilic softener based on new tech nology.	D  I. Excellent compound compatibility, fabric can be directly re-dyed after finished by Flexsil-HSF.  2. Acid and alkali resistant, high temperature resistant, high shear resistance. As No roller building, no-de-emulsification or floating oil and no silicone spot. Gives excellent water retention & moisture management properties	E Ternary block functional silicone copolymer	F Weakly cationic / non-ionic
64						
65	62	FLEXSIL-SQ	A premium hydrophilic silicone fluid imparting a very soft silicy handle while virtually maintaining the original substrate whiteness & hydrophilicity.	Superior affinity for many of the fabrics.     Easy to emulsity.     Imparts durable hydrophilic softness to fabrics.     Imparts lubricity to fabrics.     Causes virtually no yellowing of white or light shade goods	Linear polyquaternary- polysiloxane polyalkyl alkyleneoxide copolymer	Weakly cationic
66	63	FLEXSIL-TS	FleastI-T Six a premium hydrophilic silicone fluid imparting a very soft silly handle while virtually maintaining the original substrate whiteness & hydrophilicity.	1. Superior affinity for many of the fabrics.  2. Easy to emulsify. 3. Imparts durable hydrophilic softness to fabrics. 4. Imparts burbicy to fabrics. 5. Causes virtually no yellowing of white or light shade goods. 6. The maintains natural absorbency of cellulosis substrates & their blends with synthetics. The hydrophilic properties imparted show practically no change with ageing or exterme drying conditions.	Linear polyquaternary- polysiloxane polyalkyl alkyleneoxide copolymer	Weakly cationic
67	64	POWERSIL-5561	Powersil-5561 is a durable concentrated economical hydrophilic silicone softener designed to exhibit luxuriously soft & flexible hand feels to all types of cellulosic repearated cellulosic & cellulosic blends of fabrics irrespective of composition & structure	I. Imparts excellent softening without hampering the hydrophilicity of the fabric.     Imparts durable, wash resistant softness to fabrics.	Emulsion of modified amino siloxane	Weakly cationic / non-ionic
68	65	POWERSIL-5800	Powersil-5800 is a durable macro hydrophilic, non-yellowing silicone softener designed to exhibit smooth and greavy voluminous hand on all type of fabric substrates especially for cotton sheeting fabrics	I. Imparts excellent softening without hampering the hydrophilicity of the fabric.     Imparts durable, wash resistant softness to fabrics.     Non-yellowing sknear stable.     Suntable for cotton woven, knits & its blends.	Emulsion of modified amino siloxane	Weakly cationic / non-ionic
69	66	POWERSIL-6016	Powersi 6:016 is a durable non-yellowing hydrophilic silicone softener designed to eabhly excellent soft, greasy & bulky hand while retaining the fabrics original water absorbency.	1. Imparts excellent softening without hampering the hydrophilicity of the fabric-Especially suitable for wome & kintletef abric-E.  2. Imparts durable, wash resistant softness to fabrics.  3. Stable over wider range of temperature. Improved soft, smooth hand and soil release properties.	Emulsion of modified amino siloxane	Weakly cationic / non-ionic
70	67	POWERSIL-750	Powers1:750 is a concentrated hydrophilic silicone emulsion which improves the wear comfort of extiles. It is used for hydrophilic treatment of fibers & textiles of all kinds.	1. It improves the wear comfort of textiles.  2. It allows unservicted moisture transport within the fabric, together with the excellent smooth hand.  3. It imparts slik like and supple softness effect and is suitable for light knitted and woven goods of all kinds of fibers where hydrophilic properties are of importance.  4. It bonds more strongly to the fiber than glycol and quantfunctional polysiloxanes. This leads to a better exhaustibility and wash resistance.	Based on silicone fluid, functional	Non-ionic/ weakly cationic
	68	POWERSIL-810	Powers18-II 0 is a self-dispersing polyether-amino-functional silicone fluid. It improves the wave confort of textiles and is therefore particularly suitable for use with non-woven and terry goods.	1. Powersil-810 considerably improves the wear comfort of textiles and is therefore particularly suitable for use with one-tower and terry goods. 2. The hydrophilic properties are the result of the special orientation of Powersil-810 on the fiber surface. This allows urrestricted moisture transport within the fabric, together with the excellent hand that is generally associated with high-quality silicone textile softeners.  3.	Self dispersible linear AB quat	Weakly cationic
72	69	POWERSIL-811	Powers II.1 Is a hydrophilic micro concentrate silicone copolyme, ruisque to impart hydrophility in addition to ecceline surface sonothness and antistatic properties. Fabric treated with it can be easily re-dyed without any problem dye absorbency in the fabric.	1. It imparts excellent hydrophilic nature in the fabric especially in terry towed, polyester of polyester of cotton and polyester for woven, non-woven and mercerized knitted fabric.  2. Imparts excellent softness and better softening effect.  3. Antistatic.  4. Excellent exchansibility.  5. Compatible with wide range of finishing bath.  6. Exc friendly.	Silicone copolymer	Wealdy cationic
73	70	POWERSIL-815	A premium hydrophilic silicone fluid imparting a very soft silky handle while virtually maintaining the original substrate whiteness & hydrophilicity.	Easy to emulsify.  3. Imparts durable hydrophilic softness to fabrics.  4. Imparts lubricity to fabrics.  5. Causes virtually no yellowing of white or light shade goods	Linear polyquaternary- polysiloxane polyalkyl alkyleneoxide copolymer	Weakly cationic
74	71	POWERSIL-DHS	A durable non-yellowing hydrophilic silicone softener	Improve the wettability of textiles and in this way increase the wearing comfort because e.g. perspiration and moisture can be absorbed faster and transferred to the outside.	Emulsion of modified amino siloxane	Weakly Cationic
75	72	POWERSIL-DNT	Powersil-DNT is a hydrophilic silicone concentrated softener designed to exhibit luxuriously soft & flexible hand feels to all types of fabrics, irrespective of composition & structure	In Imparts durable, wash resistant softness to fabrics.     Stable over wider range of temperature. Improved soft, smooth hand and soil release properties.	Emulsion of modified amino siloxane	Weakly cationic / Non-ionic
	73	POWERSIL-GSX	Silicone softener for imparting excellent softness and luxurious surface smoothness, hydrophilic and antistatic properties to all kinds of fabrics.	1.0 ffers softness along with hydrophillicity to cotton and other natural fabrics.	Proprietary silicone copolymer with reactive	Weakly Cationic / Non-ionic
76	74	POWERSIL-HM-PLUS	Silicone softener for imparting excellent softness and luxurious surface smoothness, hydrophilic and antistatic properties to all kinds of fabrics.	2. does not cause any vellowing on white fabrics.  Liffers softness dang with hydrophilicity to cotton and other natural fabrics. Extremely useful for application on terrytowels and clothes in intimate contact withbody Offers excellent anti-static properties.  2. does not cause any yellowing on white fabrics.  3. Helps garments keep their shape during washing, drying and wearing.	grouns Emulsion of modified amino siloxane	Weakly cationic / Non-ionic
70	75	POWERSIL-HSX	Silicone softener imparting excellent softness and very good surface smoothness, hydrophilic and antistatic properties to all kinds of fabrics.	Can be applied on all kinds of goods including whites and pastel shades. No shade change or fastness impairment of finished goods	Modified polysiloxane & specialty surfactants	Weakly Cationic / Non-ionic
79	76 77	POWERSIL-HSX-D POWERSIL-HT	Silicone softener imparting excellent softness and very good surface smoothness, hydrophilic and antistatic properties to all linits of fabrics. A premium hydrophilic silicone fluid imparting a very soft siliy handle while virtually maintaining the original substrate whiteness & hydrophilicity.	1. Can be applied on all kinds of goods including whites and pastel shades. No shade change or fastness impairment of finished goods     1. Superior affinity for many of the fabrics.     2. Easy to emulsify.     3. Imparts durable hydrophilic softness to fabrics.	Modified polysiloxane & specialty surfactants Linear polyquaternary- polysiloxane polyalkyl alkyleneoxide copolymer	Weakly Cationic / Non-ionic Weakly cationic
80	78	POWERSIL-KSM	A speciality hydrophilic softener for all types of fabrics, especially terry towels and knits	Imparts lubricity to fabrics.     Causes virtually no yellowing of white or light shade goods     Imparts excellent softening without hampering the hydrophilicity of the fabric. Excellent pile retention. Especially suitable for terry towels. 2.Low	Emulsion of modified amino siloxane	Weakly Cationic
81				viscosity & pumpable. Suitable for auto-dispensing systems.		
$\neg$						
82	79	POWERSIL-NT-S	Powersil-NT-S is a hydrophilic silicone softener designed to exhibit excellent soft, smooth and greasy bulky hand on all type of fabric substrate. It is shear stable and hence suitable in application in high turbulence equipment's like JET, Soft flow machine etc.	Insparts excellent softening without hampering the hydrophilicity of the fabric.     Imparts durable, wash resistant softness to fabrics.     Non-yellowing & shear stable.     A Shable over wider range of temperature. Improved soft, smooth hand and soft release properties.	Self dispersible linear AB quat	Cationic
82	79	POWERSIL-NT-S POWERSIL-OPS	soft, smooth and greasy bulky hand on all type of fabric substrate. It is shear stable and hence suitable in application in high turbulence equipment's like JET,	fabric.  2. Imparts durable, wash resistant softness to fabrics.  3. Non-yellowing & shear stable.  4. Stable over wider range of temperature. Improved soft, smooth hand and soil release properties.  1. Full softness, slickness and resillence 2. Tdy and cool-touch for cotton and cotton blended fabrics; non-greasy and natural touch nottceably distinguishable from that of conventional aminofunctional sillicones.  3. Improved fabric.	quat	Cationic  Weakly cationic / Non-ionic
82 83			soft, smooth and greasy bully hand on all type of fabric substrate. It is shear stable and hence suitable in application in high turbulence equipment's like JET, Soft flow machine etc.  Powersil OPS a textile softener is a specialty silicone emulsion that has been	fabric.  2. Imparts durable, wash resistant softness to fabrics.  3. Non-yellowing & shear stable.  4. Stable over wider range of temperature. Improved soft, smooth hand and soft release properties.  1. Pall softness skickness and resilience  2. "dry and cool-touch" for cotton and cotton blended fabrics; non-greasy and natural touch noticeably distinguishable from that of conventional antino-	quat  Polydimethylsiloxane with functional groups	
82 83 83	80	POWERSIL-OPS	soft, smooth and greasy builty hand on all type of fabric substrate. It is shear stable and hence statished in application in high turbulence equipment's like JET. Soft flow machine etc.  Proversil OPS a textile softener is a specialty silicone emulsion that has been shown to provide multiple performance benefits on virtually all types of fabric.  Rowersil-SHK endows the fabric with excellent soft, surface smoothness 6, silicy handle. It has outstanding stability at the high temperatures. Treated other delivers soft, surface smoothness 6, silicy handle. It has outstanding stability at the high temperatures. Treated other delivers soft, surface smoothness.	fabric.  2. Imparts durable, wash resistant softness to fabrics.  3. Non-yellowing & shear stable.  4. Stable over whore range of temperature. Improved soft, smooth hand and soil release properties.  1. Fall softness skickness and resilience  2. "dry and cool-touch" for cotton and cotton blended fabrics; non-greasy and natural touch noticeably distinguishable from that of conventional aminofunctional silicones  3. Improved fabric drappability and wrindle resistance  4. Effectively solved the problem of demulsification and sticking to the roller.  2. Outstanding compatible performance.  3. In Contract of the properties of the properties.  4. Powersi-SRS (yews excellent surface smoothness on cotton & viscose rayon fabric.  5. It has high performance on price ratio compared with the enter common	Polydimethylsiloxane with functional groups (emulsion in water)	Weakly cationic / Non-ionic
82 83 84 85	80	POWERSIL-OPS POWERSIL-SBK	soft, smooth and greasy builty hand on all type of fabric substrate. It is shear stable and hence stable he in application in high turbulence equipment's like JET, Soft flow machine etc.  Rowersil OPS a textile softener is a specialty allicane emulsion that has been shown to provide multiple performance benefits on virtually all types of fabric.  Powersil-SBK endows the fabric with excellent soft, surface smoothness & sliky handle. It has outstanding stability at the high temperatures. Treated fabric delivers soft, surface smoothness & sliky handle. That so uststanding stability at the high temperatures. Treated fabric delivers soft, surface smooth, sliky feel to various fabrics, especially the plain fabrics, such as trousers, polyesteré polyester viscose fabrics  Powersil-SBS is a semi-micro emulsion of an epoxy modified organo functional	fabric.  2. Imparts durable, wash resistant softness to fabrics.  3. Non-yellowing & shear stable.  4. Stable over wider range of temperature. Improved soft, smooth hand and soil release properties.  1. Fall softness sidecess and resilience  2. dry and cool-touch' for cotton and cotton blended fabrics; non-greasy and natural touch noticeably distinguishable from that of conventional amino-functional silicones  3. Improved fabric dragaeability and wrinder resistance  1. Effectively solved the problem of demulsification and sticking to the roller.  2. Outstanding compatible performance.  3. If complexed with the amino silicone oil, it will improve the application performance.  4. Poweral-SiR gives excellent surface smoothness on cotton & viscose  4. Poweral-SiR performance on price ratio compared with the other common blocking silicon oil.  1. Excellent elastic resilience.  2. Improved wash & wear effects.  3. Imparts smooth, soft handle.  4. Interview of the proper of furitted goods.  5. Prevents long hange during high-speed industrial sewing.  4. Improves dimensional stability of long goods.	Polydimethylsiloxane with functional groups (emulsion in water) Emulsion of modified amino allocane  Amino modified silicone elastomer (quaternary	Weakly cationic / Non-ionic

$\overline{}$					-	-
	85	POWERSIL-TSP/CONC	Powersil TSP/conc is a durable, hydrophilic silicone softening and smoothing agent for textiles of all fiber types	Treated fabric confers voluminous handle effects, especially suitable for white goods or microfibers.     Imparts excellent soft bulley handle.     Gives excellent surface smoothness with bulk on cotton sheeting fabric.	Proprietary silicone copolymer with reactive groups	Weakly Cationic
88	86	POWERSIL-TS-SPL	Silicone softener for imparting excellent softness and luxurious surface smoothness, hydrophilic and antistatic properties to all kinds of fabrics.	1.0 ffers softness along with hydrophillicity to cotton and other natural fabrics.	Proprietary silicone copolymer with reactive	Weakly Cationic / Non-ionic
90	87	POWERSIL-TTK PRODUCT-6000	It is a semi macro silicone emulsion for fuller and bulky handle. It imparts very good Hydrophilicity and surface smoothness on terry towels & knits made of cellulose and its blends.	2. does not cause any vellowing on white fabrics.  1. Imparts exceller us of bully handle.  2. Good hydrophilic properties and water retention.  3. Imparts fabric confort and surface smoothness. Good water retention required for high end towels is well achieved by customized recipes involving this product.  4. Allows production of fabrics and garments with a high whiteness and minimal shade change on colored fabrics.  1. Imparts excellent softening without hampering the hydrophilicity of the	groups Proprietary silicone copolymer with reactive groups  Emulsion of modified	Weakly Cationic / Non-ionic  Weakly Cationic
91			and knits	fabric. Excellent pile retention. Especially suitable for terry towels 2.Low viscosity & pumpable. Suitable for auto-dispensing systems.	amino siloxane	
92	89	PROLUBE-HT	Prolube 1IT is non-ionic oil in water macro emulsion concentrate an organo modified poly silonace containing utra-vio welves for suff-ctunts. It imparts a pure unhindered finish characterized by excellent softness & slick surface smoothness. Improved tear & tensule trength, enhanced winkle resistance & excellent drape/fall even on difficult to soften fabrics are other realized properties.	L Excellent softness with a slick sliky handle.  Excellent surfaces emoothness with improved fabric drape & fall & enhanced wrinkle recovery.  Reduced bending rigidity & coefficient of friction. Stable to fluctuations in plit of the treatment but it is a slike under acidic & alkaline plf.  4. Enhanced fabric physicals Le tear strength, flex abrasion resistance, cut & sew performance.  5. Improved D.P rating, spot & stain resistance & a lively vibrant & full hand.  6. No detrimental influence on dye properties i.e. thermomigration & sublimation fastness.  7. Negligible effect on dye shades & fabrics whiteness.  8. Permanent finish durable to multiple cycles of home washing & dry cleaning.  9. Pad applicable.	Polysiloxane	Weakly cationic
	90	DERMASIL-SRS		I. Provides a high level of softness for all types of synthetic fabric especially polyster & their Phends.  2. Does not cause fabric yellowing.  3. Suitable for all normal application methods, such as pad bath, exhaustion and spray.  4. Dilutions are extremely shear stable. Easily diluted with water or alcohol.  5. Water dilutions have excellent compatibility with finishing baths.  6. It imparts superior softness and every low yellowing compared to conventional amino silicones when applied to a wide variety of fabrics of polysters fabric & their blends.  7. In addition, fabrics treated with Dermasil-SRS are not hydrophobic. It imparts a slow wetting durable by drophilic character to fabrics.	Amino polyalkyleneoxide copolymer	Non-ionic
93	91	DERMASIL-NWS	Iblock silicone emulsion for excellent inner softness & body break on PV & PES fabrics	Provides a high level of softness (inner softness for all types of synthetic fabric especially polyester & their blends.     Luxuriously sliky, drape-able and in-depth softness, as opposed to a slippery hand-on fabric surface that is typically imparted by amino functional silicone.     3. Works at very low dosage.	Block amino silicone emulsion	Non-ionic
95	92	DERMASIL-SOFT	fabrics	Provides a high level of softness (inner softness for all types of synthetic fabric especially polyester & their blends.     Luxmiously sligh, ordap-eiba and in-depth softness, as opposed to a slippery hand-on fabric surface that is typically imparted by amino functional silicones.     Works at very low dosage.	emulsion	Non-ionic
96	93	FLEXSIL-5837	Flexsil-5837 is designed to provide soft, slik hand to fabrics. The softness provided by Flexsil-5837 is durable for numerous detergent washes.	1. Suitable for all normal application methods, such as pad bath, exhaustion and spray. 2. Dilutions are extremely shear stable. Easily diluted with water. 3. It is self-emissifiable emission with outstanding stability. 4. It imparts superior softness and very low yellowing compared to propose the superior softness and very low yellowing compared to a wide variety of fabrics of polyster fabric & their blends. 6. In addition, fabrics treated with it are not hydrophobic.	functional groups (aqueous emulsion)	Weakly cationic / non-ionic
	94	POWERSIL-238	With Is linear molecular architecture, high molecular weight and low viscosity, Powers! 239 Settle-enhancer generally demonstrates many key benefits, including superior non yellowing amine functionality and the ability to combine both hydrophilic and silicone moieties.	1. Linear Molecular Architecture:  - Effective at 3-25 µ in the bath, as received. It may provide a high level of natural softness to synthetics and their blends with natural fibers.  2. High Molecular Weight:  - Delivers properties similar to those of reactive elastomeric finishes, such as durability and resistance.  3. Non yellowing amino type Functionality:  - Low yellowing, good stability under most finishing conditions, including jet/overtlow.	Self-dispersible linear AB quat	Cationic
97	95	POWERSIL-5865	Powersil-5865 endows the fabric with excellent soft, surface smoothness & sility handle. It has outstanding stability at the high temperatures. Treated fabric delivers soft, surface smooth, sility feet to various fabrics, especially the plain fabrics, such as trousers, polyester & polyester viscose fabrics	Effectively solved the problem of demulsification and sticking to the roller.     Quistanding compatible performance.     If complexed with the amino silicone oil, it will improve the application performance.     A lowersil-Sols gives excellent surface smoothness on cotton & viscose trayon fabric.     S. I has high performance on price ratio compared with the other common blocking silicon oil	Emulsion of modified amino siloxane	Non-ionic
_99	96	POWERSII-6025	handle. It has outstanding stability at the high temperatures. Treated fabric	1. Effectively solved the problem of demulsification and sticking to the roller.  2. Outstanding compatible performance. 3. If complexed with the amino silicone oil, it will improve the application performance. 4. Powers! 6025 gives excellent surface smoothness on cotton & viscose rayon fabric. 5. It has high performance on price ratio compared with the other common blocking silicon oil	amino siloxane	Non-ionic
100	97	POWERSIL-777	lively smooth handle	1. It has a strong affinity for all fibers since it has a reactive amino functional group in its structure.  2. Treated fabric imparts very soft, lively smooth handle.  3. Treated fabric gives excellent inner softness especially on polyester & P/V fabric.	Modified polysiloxane & specialty surfactants	Weakly cationic
101	98	POWERSIL-AS	Powersil-AS is a novel textile softener of linear polytimethy/siloxane amino polyalbyleneoxide copolymer. It is designed to provide soft, silky, hand to fabrics.  The softness provided by Powersil-AS is durable for numerous detergent washes	1. Provides a high level of softness for all types of synthetic fabric especially polyster? their blends. 2. Does not cause fabric yellowing. 3. Suitable for all normal application methods, such as pad bath, exhaustion and spray. 4. Dilutions are extremely shear stable. Easily diluted with water or alcohol. 5. Water dilutions have excellent compatibility with finishing baths. 6. Can be co-applied with fluorocarbon soil release agents	Modified polysiloxane & specialty surfactants	Non-ionic
102	99	POWERSIL-AS-ECO		1. The new modified group endows the fabric with excellent soft, smooth, silly handle. 2. Effectively solved the problem of demulsification and sticking to the roller. 3. Outstanding compatible performance. 4. If completed with the amino silicone oil, it will improve the application performance.	Polysiloxanes, Polyether	Weakly cationic / Non-ionic
103	100	POWERSIL-BB	Powersil-BB is an emulsion especially developed for pile fabrics made of polyester & polyester rich textles like rug, bath mats, chenille, mink fabrics etc. Treated fabric gives soft, greasy, excellent smooth surface on all type of fabrics	Treated fabric exhibits fluffy smooth slick feel on polyester mink, rugs, fleece, chemilic fabrics.     Shear stable here suitable in application in high turbulence equipment's like [FI. Soft flow machine etc.     Suited for all type of fabrics especially polyester & polyester rich blend.	Polysiloxanes, Polyether	Weakly cationic / Non-ionic

104	A 101	B POWERSIL-BRK	NewersI-BIK not only can help provide in depth softness and dictiness, but also feature resistance to the mid nigration, color fastness, fabric whiteness, redepability, new favolutily and understee shear stability at a typical bath condition for textile finishing.  The softness provided by Powersil-BRK is durable for numerous detergent washes	D  Devotes a high level of noftness (more softness for all types of synthetic fabric especially polywater & their blook.  Develor charge fabric yellowing.  3. Lasurisothy silky, drape-able and in-depth softness, as opposed to a silppery land-or fabric surface that is typically imparted by amino functional silicones.  4. Suitable for all normal application methods, such as pad bath, exhaustion and spray.  Silitations are extremely shear stable. Easily diluted with water or alcohol.  6. Water dilutions have excellent compatibility with finishing baths.  7. Can be co-applied with finorcorton soil release agents.  8. Works at very low dosage.  9. May be used with more types of typical equipment's for textile finishing.	E Block amino silicone emulsion	F Non-ionic
105	102	POWERSIL-PRS	Powersil-PRS provides in-depth huxuriously stilty softness and slickness, along with resistance to thermal migration. It can be used with a variety of fabrics, but can be most beneficial for synthetic-fiber fabrics like polyester, polyamide, acrylic fabrics and spandex blends, as well as wood, cashmere and its blends.	Provides a high level of softness (inner softness for all types of synthetic fabric especially polyester & their blends.     Does not cause fabric yellowing.     Resistant to thermo-migration.     Suth a Sutable for all normal application methods, such as pad bath, exhaustion and spray.	Block amino silicone emulsion	Weakly cationic / Non-ionic
	103	POWERSIL-RUN	Powersil-RUN endows the fabric with excellent soft, surface smoothness & silky handle. It has outstanding stability at high temperatures. Treated fabric delivers soft, surface smooth, silky feel to various fabrics, especially the plain fabrics,	Shear stable elastomeric silicone softener with excellent soft hand.     Excellent elastomeric effect.     Very good bath compatibility with other bath ingredients.	Emulsion of modified amino siloxane	Non-ionic
106	104	POWERSIL-SA	soils start as smooth, safely river for virous darking is, specially use plant hairs, and ast trouvers, powered projects of polyected po	a Yery good to alt Companding with Outer Soath in general Capital Capi	Polysiloxanes polyether	Non-ionic
	105	FLEXSIL-CF	FlexsLCT emulsions imparts smooth, delicate handle on fabric. Emulsions have good stability	L Gives excilent soft, smooth & elastic handle on all types of cellulosic wowes & kint fabrics.  2. Can be applied by pad and eshabast  3. Perenium soffness & Billy lauuries handle on cotton woven & knitted fabrics.  4. Ex me particles size of emulsion ensures faster & uniform penetration into the fabric, making it less a surface treatment & more an internal softener.	Block copolymer	Cationic
108	106	FLEXSIL-CJS	FlexsI-t[IS is Ternary block silicone oil for cotton. It is a three-component block copolymer of polysiloxane, polyamines, and polyether. Emulsions of FlexsII-t[S] imparts smooth, delicate handle on fabric. Emulsions have good stability	L. Gives excellent soft, smooth & elastic handle on all types of cellulosic woven & kuit fabrics.  2. Can be applied by pad and exhaust processes.  3. Permium softness & silky luxuries handle on cotton woven & knitted fabrics.  4. Its fine particles size of emulsion ensures faster & uniform penetration into the fabric, making it less a surface treatment & more an internal softener.	Block copolymer of polysiloxane, polyamines and polyether	Cationic
109	107	FLEXSIL-STE	Flessil-STE gives excellent aesthetics, hydrophilicity and processability. It provides silly hand-feel combined with excellent hydrophilicity and stability in textle finishing that are comfortable to wear, have a silly jook, touch and feel and can be marketed as "breathable" garments	1. It provides silly, drapeable and in-depth softness with optimized dry hand- feel on all types of fibrice, particularly cotton and cotton blends, synthetics, considerations, and present and perspication with minimal impact on the hydrophilic nature of cotton and cotton blends. 3. Increases hydrophilic trainer of cotton and cotton blends. 4. Enhances durable softness to home laundry. 5. Emulsions are extremely stable under high shear, wide pH range (3.0 – 12.0) and high temperature. 6. Noyellowing of white and light shaded fabrics. 7. Does not affect the color shade on even dark color fabrics	Linear silicone copolymer	Cationic
111	108	POWERSIL-2150	Powersil-2150 is a silicone emulsion of a special organo modified block poly silozane. It imparts extremely soft, silby, smooth handle on all types of fabric specially cellulosic barries. Powersil-2150 penetrate deep into the fiber bundle giving a luxurious soft handle.	1. Gives excellent soft, smooth & elastic handle on all types of cellulosic woven & Kuit fabrics.  2. Can be applied by pad and exhaust.  3.1 Is fine particles size ensures faster & uniform penetration into the fabric, making if less a surface treatment & more an internal softener.  4. Premium softness & sitily humaries handle on woven & huntred fabrics.  5. On cotton, could pre- as PC bints, by we to new pad when used along with Powersil ACN-ECO-30 gives peaches, gold finish	Modified polysiloxane & specialty surfactants	Non-ionic
112	109	POWERSIL-3096	Powersil-3096 is highly effective high performance semi-micro emulsion of reactive organo modified polysliname, for permanent finish on all types of fabric substrates Powersil-ACH-2000 treated fabric exhibit excellent soft & smooth handle on all types of fabric.	1. Gives excellent soft, smooth handle on all types of fabrics. 2. Improves sewability, crease recovery & tensile strength of the fabric. 3. Can be applied by paid & echanist method. 4. Improves the stretch & recovery capacity of kinit goods. 5. Improves the stretch & recovery capacity of kinit goods. 5. Improves the strength & reduces abvariation loss. 6. Effects are fast to waiting a flay cleaning. 7. On cotton, cockin jor on & PC lanks, by we de on wet gad when used along with Powerall 2150 gives peaches, gold finish Powerall 2150 gives peaches, gold finish	Modified polysiloxane & specialty surfactants	Non-ionic
113	110	POWERSIL-3911	Powersil-3911 not only can help provide in-depth softness and slickness, but also featurer restraince to thermal migration, color fastness, brid whether the dynamic properties of the share with the stability at a typical bath condition for textle finishing. The softness provided by Powersil-3911 is durable for numerous detergent washes.	1. Provides a high level of softness (name roofness for all types of synthetic fulnic especially polysere & their blends. 2. Does not cause fabric yellowing. 3. Does not cause fabric yellowing. 3. Lourniously slity, drape-able and in-depth softness, as opposed to a slippery hand-on fabric surface that is typically imparted by amino flunctional silicense. 4. Suitable for all normal application methods, such as pad bath, exhaustion. 5. Dilutious are externely shear stable Easily diluted with water or alcohol. 6. Water dilutions have excellent compatibility with finishing baths. 7. Can be co-applied with fluorocarbons of release agents. 8. Works at very low dosage. 9. May be used with most types of typical equipment's for textile finishing	Block amino silicone emulsion	Weakly Cationic / Non-ionic
	111	POWERSIL-3946	Powersil-3946 is block silicone emulsion. Powersil-3946 not only can help provide in-depth softness and silichaess, but also features resistance fabric whiteness, re-dy-ability, over dy eability, and moderate shorts arbiblity at a typical bath condition for textile finishing. The softness provided by Powersil-3946 is durable for numerous detergent washes	1. The new modified group endows the fabric with excellent soft, smooth, silly handle especially on cotton & cotton rich blends C2 Effectively solved he problem of Gennisication and sticking to the roller. 3. Outstanding compatible performance. A If Complexed with the amino silicone oil, it will improve the application performance.	Block Amino silicone emulsion	Weakly cationic / Non-ionic
114	112	POWERSIL-4333	Powersil-433 is a silicone emulsion of a special organo modified block poly silozane. It imparts extremely soft, siloy, smooth handle on all types of fabric especially cellulosic fabrics. Powersil-433 penetrates deep into the fiber bundle giving a luxurious soft handle	L Gives excellent soft, smooth & elastic handle on all types of cellulosic woven & Kuit fabrics.     L its fine particles size ensures faster & uniform penetration into the fabric, making it less a surface treatment & more an internal softener.     3. Premium softness & silky luxuries handle on woven & lenitted fabrics	Modified polysiloxane & specialty surfactants	Non-ionic
115	113	POWERSIL-5545	Powersil-5545 is a silicone emulsion of a special organo modified block poly silozane. It imparts extremely soft, silicy, smooth handle on all types of fabric especially cellulosic fabrics. Powersil-2150 penetrate deep into the fiber bundle giving a luxurious soft handle.	1. Gives excellent soft, smooth & elastic handle on all types of cellulosic woven & Ruinfabrics.  2. Can be applied by pad and exhaust.  3. Its fine particles size ensures faster & uniform penetration into the fabric, making It less a surface treatment & more an internal softener.  4. Prennium softness & sitily humaries handle on woven & huntred fabrics.  5. On cotton, cools for- a R C bints, by even on weep had when used along with Powersal ACP ECO 30 gives peaches, gold finish	Modified polysiloxane & specialty surfactants	Non-ionic
П	114	POWERSIL-910	Powersil-910 is a high amine content, medium to low viscosity diamino functionalized polydimethyl siloxane, specially developed for formulation to	Excellent soft and smooth hand feel     Increased fabric elasticity and crease recovery,     Improved fabric tensils and tear strength	Diamino functionalized polydimethyl siloxane	Nonionic
117	115	POWERSIL-ACN-ECO	emulsions for textile softening  Neversil AMS-EOS to highly effective high performance semi-micro remulsion of  Neversil AMS-EOS to highly effective high performance semi-micro remulsion of  Neversil AMS-EOS to highly effective high performance semi-micro remulsion of  Neversil AMS-EOS to highly effective high performance semi-micro remulsion of  Neversil AMS-EOS to highly effective high performance semi-micro remulsion of  Neversil AMS-EOS to highly effective high performance semi-micro remulsion of  Neversil AMS-EOS to highly effective high performance semi-micro remulsion of  Neversil AMS-EOS to highly effective high performance semi-micro remulsion of  Neversil AMS-EOS to highly effective high performance semi-micro remulsion of  Neversil AMS-EOS to highly effective high performance semi-micro remulsion of  Neversil AMS-EOS to highly effective high performance semi-micro remulsion of  Neversil AMS-EOS to highly effective high performance semi-micro remulsion of  Neversil AMS-EOS to highly effective high performance semi-micro remulsion of  Neversil AMS-EOS to highly effective high performance semi-micro remulsion of  Neversil AMS-EOS to highly effective high performance semi-micro remulsion of  Neversil AMS-EOS to highly effective high performance semi-micro remulsion of  Neversil AMS-EOS to highly effective high performance semi-micro remulsion of  Neversil AMS-EOS to highly effective high performance semi-micro remulsion of  Neversil AMS-EOS to highly effective highly eff	3. Improved fabric tensile and tear strength.  Gree recedites in A. mouth handle on all 19 page of fabrics.  2. Improvas seventhly, crease receiver & tensile strength of the fabric.  2. Improvas seventhly, crease receiver & tensile strength of the fabric.  3. Can be applied by pad & Senhaut method.  4. Improves the strength & reduces sharption loss.  6. Effects are fast to washing & day cleaning.  7. On contro, contri year & Clinits, by even on wet pad when used along with Powersil 2150 gives peaches, gold finish	Modified polysiloxane & specialty surfactants	Non-ionic

Angeles of professor of the close from the close from the close of the							
Part	119	A 116	POWERSIL-CES 8	features resistance to thermal migration, color fastness, fabric whiteness, re- dyeability, over dyeability and moderate shear stability at a typical bath condition for textile finishing.	fabric especially polyester & their blends.  2. Dees not cause fabric yellowing.  8. Laxuriously silky, drape-able and in-depth softness, as opposed to a sippery hand-on fabric surface that its typically imparted by amino functional silicones.  3. Suitable for all normal application methods, such as pad bath, exhaustion		F Non-ionic
Proceedings   Process	120	117	POWERSIL-CF	block copolymer of polysiloxane, polyamines, and polyether. Emulsions of Powersil-CF imparts smooth, delicate handle on fabric. Emulsions have good	woven & knit fabrics.  2. Can be applied by pad and exhaust processes.  3. Premium softness & silky luxuries handle on cotton woven & knitted fabrics.  4. Its fine particles size of emulsion ensures faster & uniform penetration into	polysiloxane, polyamines	Cationic
Second Control Projections and Projections of the Second	121	118	POWERSIL-HFS	Powersil-HPS is an emulsion especially developed for pile fabrics made of polyester & polyester rich textiles like rugs, bath mats, chenille, mink fabrics etc. Treated fabric gives soft, greasy, excellent smooth surface on all type of fabrics.	fleece, chenille fabrics.  2. Shear stable hence suitable in application in high turbulence equipment's like JET, Soft flow machine etc.		Weakly cationic / Non-ionic
style per editional between the state of the period of the		119	TOPSOFT-EME	organo modified polysiloxane, for permanent finish on all types of fabric substrates. Topsoft-EME treated fabric exhibit excellent soft & smooth handle	Improves sewability, crease recovery & tensile strength of the fabric.     Can be applied by pad & exhaust method.     Improves the stretch & recovery capacity of knit goods.     Improves tear strength & reduces abrasion loss.	Modified polysiloxane	Non-ionic
Can be registed by an abstract working securities	122	120	FLEXSIL-SSX-F	polyester rich textiles like rugs, bath mats, chenille, mink fabrics etc. Treated	Shear stable hence suitable in application in high turbulence equipment's like JET, Soft flow machine etc.     Suited for all type of fabrics especially polyester & polyester rich blend.     Can be emulsified to micro emulsion with low level of surfactant may be 10.		Weakly cationic / non-ionic
polymeter, polymeter, and produced and columns, polymeter for the case of species before the case and state of the case of the	123			smoothness & balance softness	2.Can be applied by pad & exhaust method.     3.     Treated fabric exhibits fluffy smooth slick feel on polyester mink, rugs, fleece, chenille fabrics.	emulsion	Weakly cationic / non-ionic
polymer, polyments, explored and speace for the control of sources and speace for the control of sources and sources for the control of sources for the cont	125			polyester, polyamide, acrylic fabrics and spandex blends, as well as wool, cashmere, fleece fabric, raised fabric, PES mink, PES rugs and its blends	Ultra-low yellowing.     S. Excellent stability under most finishing conditions, including jet/overflow, etc.     Excellent fiber elasticity and shape recovery.	silicones, polyether	,,
do finitive resistance to florend anguinous or famines, their subtles of the condition for control finishing.  272 273 275 276 277 277 277 277 277 278 278 278 278 278	122	123	POWERSIL-5812	polyester, polyamide, acrylic fabrics and spandex blends, as well as wool,	Can be applied by pad & exhaust method.     Treated fabric exhibits fluffy smooth slick feel on polyester mink, rugs, fleece,		Weakly cationic / non-ionic
polysters of bardy grown off, grown, excellent mouth surface on all type of clarks. Trotted fabors grown off, grown, excellent mouth surface on all type of clarks. The provides of the provid	126	124	POWERSIL-5853	also features resistance to thermal migration, color fastness, fabric whiteness, re dyeability, over dyeability and moderate shear stability at a typical bath	fabric especially polyester & their blends.  2. Does not cause fabric yellowing.  3. Luxuriously silky, drape-able and in-depth softness, as opposed to a slippery hand-on fabric surface that is typically imparted by amino		Non-ionic
polywers for the testile like rugs, buth masts, chemille, main definition etc. Treated influence group resident months of the case and type of diffusion etc.  127 POWERSIL-PC  Powersil-PC innovinor, oil in water seeds encirce emidding of reactive or gazon monthide globy ullocane containing stra- low levels of surfactants. It impurits excellent surfaces and sick surfaces monothness containing stra- low levels of surfactants. It impurits excellent surfaces and sick surfaces monothness containing stra- low levels of surfactants. It impurits excellent surfaces and sick surfaces monothness with surfaces and an advantage of the surface surfaces and surfaces and surfaces. A completely year policy of the surfaces and surfaces and surfaces and surfaces and surfaces and surfaces. A completely year policy of the surfaces and surfaces and surfaces and surfaces and surfaces. A completely year policy of the surfaces and surfaces and surfaces and surfaces and surfaces and surfaces. A completely year policy of the surfaces and surfaces and surfaces and surfaces and surfaces and surfaces. A completely year policy of the surfaces and surfaces. A completely year policy of the surfaces and surfaces and surfaces and surfaces and surfaces and surfaces. A completely year policy of the surfaces and surfaces and surfaces and surfaces and surfaces. A completely year policy of the surfaces and surfaces and surfaces and surfaces and surfaces. A surface and surfaces and surfaces and surfaces and surfaces and surfaces and surfaces. A surface and surfaces and surfaces and surfaces and surfaces and surfaces and surfaces and surfaces. A surface and surfaces and surfaces. A surface and surfaces and s	127	125	POWERSIL-SSX	polyester & polyester rich textiles like rugs, bath mats, chenille, mink fabrics etc.	Shear stable hence suitable in application in high turbulence equipment's like JET, Soft flow machine etc.     Suited for all type of fabrics especially polyester & polyester rich blend     Treated fabric exhibits fluffy smooth slick feel on polyester mink, rugs,		Weakly cationic / non-ionic
modified poly silucance centaining ultra-low levels of surfactants. It imports excellent surface annothmens with improved fainch carpae & fail & emulsion excellent surface annothmens with improved fainch carpae & fail & emulsion excellent surface annothmens with improved fainch and carpae & fail & emulsion excellent surface annothmens with improved fainch and carpae & fail & emulsion excellent surface annothmens with improved fainch and carpae & fail & emulsion excellent surface annothmens with improved fainch and carpae & fail & emulsion excellent surface annothmens improved fail & emulsion excellent surface annothmens with improved fail and carpae & fail & emulsion excellent surface annothmens with improved fail and carpae & fail & emulsion excellent surface annothmens with improved fail and carpae & fail & emulsion excellent surface annothmens with improved fail and carpae & fail & emulsion excellent surface annothmens with improved fail and carpae & fail & emulsion excellent surface annothmens with improved fail and carpae & fail & emulsion excellent surface annothmens with improved fail and carpae & fail & emulsion excellent surface annothmens with improved fail and carpae & fail & emulsion excellent surface annothmens with improved fail and carpae & fail & emulsion excellent surface annothmens with improved fail and carpae & fail & emulsion excellent surface surface annothmens with improved fail and carpae & fail & emulsion excellent surface surface & emulsion of reactive expension excellent surface annothmens with improved fail & emulsion excellent surface annothmens and the fail surface annothmens with improved fail and carpae & fail & emulsion of reactive expension excellent surface annothmens with improved fail and carpae & fail & emulsion of the fail of the polysical interest with a surface annothmens with improved fails of the high turbulence equipment's accellent surface annothmens with improved fails and carpae & fail & emulsion of the surface annothmens with improved fails are surface, cut & emul	128	126	POWERSIL-RSB	polyester rich textiles like rugs, bath mats, chenille, mink fabrics etc. Treated	Shear stable hence suitable in application in high turbulence equipment's like JET, Soft flow machine etc.		Weakly cationic / non-ionic
designed for imparting a full, sort stills hand coupled with excellent surface smoothness, improved B. ratings & Bahrer, places, it is completely with a flavies, do byte or undisconvenience and the state of the st	129	127	POWERSIL-PC	modified poly siloxane containing ultra-low levels of surfactants. It imparts	Excellent surface smoothness with improved fabric drape & fall & enhanced wrinkle recovery.     Enhanced fabric physicals i.e. tear strength, flex abrasion resistance, cut & sew performance     4. Completely non		Non-ionic/ weakly cationic
modified poly siloxane containing ultra-low levels of surfactants. It imparts excellent softness & slick surface smoothness  2. Excellent surface smoothness with improved fabric drape & fall & enhanced writing recovery.  3. Excellent surface smoothness with improved fabric drape & fall & enhanced writing recovery.  3. Excellent surface smoothness with improved fabric drape & fall & enhanced writing recovery.  4. Completely non yellowing  1. Excellent surface smoothness with improved fabric drape & fall & enhanced writing recovery.  5. Enhanced fabric physicals i.e. tear strength, flex abrasion resistance, cut & see yellowing.  1. Excellent surface smoothness with improved fabric drape & fall & enhanced writing recovery.  5. Enhanced fabric physicals i.e. tear strength, flex abrasion resistance, cut & see yellowing.  1. Excellent surface smoothness with improved fabric drape & fall & enhanced writing recovery.  8. Enhanced fabric physicals i.e. tear strength, flex abrasion resistance, cut & see yellowing.  1. Excellent surface smooth fulfy and greasy surface on all type of fabric physicals i.e. tear strength, flex abrasion resistance, cut & see yellowing.  1. Excellent surface smooth fulfy and greasy surface on all type of fabric physicals i.e. tear strength, flex abrasion resistance, cut & see yellowing.  1. Excellent surface smooth fulfy and greasy surface on all type of fabric sweeper of the physical in high turbulence equipment's like recovery.  8. Enhanced fabric physicals i.e. tear strength, flex abrasion resistance, cut & see yellowing.  1. Treated fabric gives excellent smooth fluffy and greasy surface on all type of fabrics especially polyester & polyester rich blend.  1. Treated fabric gives excellent smooth fluffy and greasy surface on all type of fabrics especially polyester & polyester rich blend.  1. Treated fabric gives excellent smooth fluffy and greasy surface on all type of fabrics we well improved fabric gives excellent smooth fluffy and greasy surface on all type of fabrics with a fabric give	131	128	LUBALLEN-AH	designed for imparting a full, soft silky hand coupled with excellent surface smoothness, improved D.P. ratings & fabric physicals. It is completely non- yellowing even at elevated temperatures. It is optical brightening agent compatible.	2. Non-yellowing finish even at high temperatures making it suitable for full white fabrics. 8 wompathlility 8 non yellowing character it can be used on OBA or full white fabrics. 80 monthlility 8 non yellowing character it can be used on OBA or full white fabrics.  4. Eithaneed wrinkle resistance 8 wash and wear ratings.  5. Is fine particle size ensuries easier 8 uniform penetration into the fibre making it an excellent internal softener.  internal softener, and the size of the s		Non-tonic
modified poly silosane containing ultra low levels of surfactants. It imparts excellent softness & slick surface smoothness with improved fabric drape & fall & enhanced windle recovery. 3. Enhanced fabric physicals i.e. tear strength, flex abrasion resistance, cut & sew performance. 4. Ultra-low yellowing. 1. Treated fabric gives excellent smooth fluffy and greasy surface on all type of a fabrics fluffy. 2. Sheer substitute to substitute the substitute of polyester of the fabric study. 3. Suited for all type of fabrics especially polyester in blend. 3. Suited for all type of fabrics especially polyester in blend. 4. Treated fabric gives excellent smooth fluffy and greasy surface on all type of fabrics fluffy. 3. Suited for all type of fabrics especially polyester in blend. 4. Treated fabric gives excellent smooth fluffy and greasy surface on all type of fabrics especially polyester in blend. 4. Treated fabric gives excellent smooth fluffy and greasy surface on all type of fabrics especially polyester in blend. 4. Treated fabric gives excellent smooth fluffy and greasy surface on all type of fabrics especially polyester in blend. 5. Sheer substitute the substitute of the substitute	132			modified poly siloxane containing ultra-low levels of surfactants. It imparts excellent softness & slick surface smoothness	2. Excellent surface smoothness with improved fabric drape & fall & enhanced winthle recovery.  3. Enhanced fabric physicals i.e. tear strength, flex abrasion resistance, cut & sew performance  4. Completely non yellowing	emulsion	
polyester rich textiles like rugs, bahf mats, chenille, mink fabrics etc. It can be easily emulsified by low level of surfactant or co-surfactant.  2. Shear stable in application in high turbulence equipment's like JET, Soft flow machine etc. 3. Suited for all type of fabrics especially polyester & polyester rich blend.  132 POWERSIL-4151 Powersil-4151 is an emulsion especially developed for piled fabrics made of 1. Treated fabric gives excellent smooth fluffy and greasy surface on all type Block silicone Wealty can	133	130	POWERSIL-SPS	modified poly siloxane containing ultra low levels of surfactants. It imparts	Excellent surface smoothness with improved fabric drape & fall & enhanced wrinkle recovery.     Enhanced fabric physicals i.e. tear strength, flex abrasion resistance, cut & sew performance.		Non-ionic
	127	131	FLEXSIL-4151-F	polyester rich textiles like rugs, bath mats, chenille, mink fabrics etc. It can be	of fabrics fluffy.  2. Shear stable hence suitable in application in high turbulence equipment's like JET, Soft flow machine etc.	Block silicone fluid	Weakly cationic / non-ionic
2. Shear stable hence suitable in application in high turbulence equipment's like  ET, Soft flow machine etc. 3. Suited for all type of fabrics especially polyester & polyester rich blend.	134	132	POWERSIL-4151	Powersil-4151 is an emulsion especially developed for piled fabrics made of polyester & polyester rich textiles like rugs, bath mats, chenille, mink fabrics etc	of fabrics fluffy  2. Shear stable hence suitable in application in high turbulence equipment's like JET, Soft flow machine etc.	Block silicone	Weakly cationic / non-ionic
133 POWERSIL-5351 Powersil-5351 endows the fabric with excellent soft, surface smoothness & silly 1. Effectively solved the problem of demulsification and sticking to the roller. 2. Outstanding compatible performance. 3. Powersil-5351 gives excellent surface smoothness on cotton & viscous appendix on the problem of the problem of demulsification and sticking to the roller. Solved the problem of demulsification and sticking to the roller. Solved the problem of demulsification and sticking to the roller. Solved the problem of demulsification and sticking to the roller. Solved the problem of demulsification and sticking to the roller. Solved the problem of demulsification and sticking to the roller. Solved the problem of demulsification and sticking to the roller. Solved the problem of demulsification and sticking to the roller. Solved the problem of demulsification and sticking to the roller. Solved the problem of demulsification and sticking to the roller. Solved the problem of demulsification and sticking to the roller. Solved the problem of demulsification and sticking to the roller. Solved the problem of demulsification and sticking to the roller. Solved the problem of demulsification and sticking to the roller. Solved the problem of demulsification and sticking to the roller. Solved the problem of demulsification and sticking to the roller. Solved the problem of demulsification and sticking to the roller. Solved the problem of demulsification and sticking to the roller. Solved the problem of demulsification and sticking to the roller. Solved the problem of demulsification and sticking to the roller. Solved the problem of demulsification and sticking to the roller. Solved the problem of demulsification and sticking to the roller of th	136	133	POWERSIL-5351	Powersit-5351 endows the fabric with excellent soft, surface smoothness & silky handle.	Outstanding compatible performance.     Powersil-5351 gives excellent surface smoothness on cotton & viscose	Modified polysiloxane & specialty	Non-ionic

137	A 134	FLEXSIL-PIS-O	Flessil-PIS-0 not only can help provide in-depth softness and slickness, but also features resistance to fabric whiteness, re-dyeability, over dyeability and shear stability at a typical bath condition for textile finishing	Provides a high level of softness (niner softness for all types of synthetic fabric especially cotton & their blends     Non yellowing     3. Lauxriously sillsy, drape-able and in-depth softness, as opposed to a slippery hand-no britise surface that is typically imparted by amino functional silicones.     A Suitable for all normal application methods, such as pad bath, exhaustion and spray	E Block silicone	F Weakly cationic / non-ionic
138	135	FLEXSIL-11047	Flexulf-11047 not only can help provide in-depth softness and slickness, but also features resistance to fabric whiteness, re-dyeability, over dyeability and shear stability at a typical bath condition for textile flushing	1. Provides a high level of softness (timer softness for all types of synthetic fabric especially cotton & their blends 2. You yellowing 3. You yellowing 4. Agrape able and in-depth softness, as opposed to a slippery hand-on fabric surface that is typically imparted by amino functional silicones. 4. Suitable for all normal application methods, such as pad bath, exhaustion and spray	Block silicone	Weakly cationic / non-ionic
139	136	FLEXSIL-2070	Flexal 2-700 is highly recommended for the maunicuturing of hydrophile softeners. These softeners can be applied by padding and eshaustion processes on woven & kuttletd fabrics made from all kind of natural and synthetic fibers. The product is not sensitive against residues of reactive dyestuff, after soaping agents or optical brighteners.	1. Very soft, smooth handle 2. Oustanding lydrophilicity, 3. Excellent pit stability, 4. Compatible with anionic. 5. Very low yellowing 6. Improves sewing properties, 7. Good antistatic properties. 8. High enhanction	Quaternary modified organo-siloxane	Weakly cationic
140	137	FLEXSIL-PIS	Fleasil-Fix not only can help provide in-depth softness and slickness, but also features resistance to bather whenever, e-dy-ability, over dy-ability and shear stability at a typical bath condition for textile flushing	<ol> <li>Provides a high level of softness (timer softness for all types of synthetic fabric especially cotton &amp; their bleads.</li> <li>Non yellowing.</li> <li>Non yellowing.</li> <li>Lournously sully, frage-solts and in-depth softness, as opposed to a Statement of their softness of</li></ol>	Block silicone	Weakly cationic / non-ionic
141	138	FLEXSIL-SCF	Fixes ISC is a new linear, polytimerhylsikozene-amino poly alkylene oxide copolymer. It has introduced the new modified group and can endow the fabric with excellent soft, surface smoothness & silly handle.	I. Treated fabric delivers soft, surface smooth, silly feel to various thrics, especially the plain fabrics, such as trussers, polyester, polyester viscose & on fleece fabrics.  2. Flexisil-SCF emulsions gives excellent surface smoothness on cotton & viscose rayon fabric.  3. Treated fabrics are by drophilic in nature.  3. Treated fabrics are by drophilic in nature.  5. Treated fabrics are by drophilic in suture.  5. Effectively solved the problem of deemulsification and sticking to the roller.  6. Outstanding compatible performance.  7. If complexed with the amino silicone oil, it will improve the application performance	Linear, polydimethylsiloxane- amino poly alkylene oxide copolymer	Wealdy cationic / non-ionic
142	139	Powersil-5350	Powers15350 endows the fabric with excellent soft, surface smoothness & silty handle. It has outstanding stability at the high temperature. Treated fabric delivers soft, surface smooth, silty feel to various fabrics, especially the plain fabrics, such as trousers, polyester, polyester viscose & on fleece fabrics	LEffectively solved the problem of demulsification and sticking to the roller.  2. Outstanding compatible performance.  3. If complexed with the amino silicone oil, it will improve the application performance.  4. Powersil-5350 gives excellent surface smoothness on cotton & viscose rayon fabric.  5. It has high performance on price ratio compared with the other common blocking silicon oil.	Modified polysiloxane & specialty	Non-ionic / weakly cationic
143	140	PROLUBE-AOP	Prolube-AOP se a premium hydrophilic softener contains virtually no solvents or volutile organic compounds which makes it more environmentally sound & safer to use		Modified amino functional polysiloxane fluid	Weakly cationic
144	141	DERMASIL-CMW	Dermasil-CMW is a highly effective non-yellowing, high performance micro emulsion for permanent finish on all types of these. Gives excellent soft & smooth, slightly bully handle on all types of fabric. Shear stable	L Gives excellent soft, smooth handle on all types of fabrics & with very little impact on bydrophilicity.  2. Improves sevobility, crease recovery, & tensile strength of the fabric 3. Can be applied by pad & exhaust method.  4. Improves the stretch & recovery capacity of but goods.  5. It is non-yellowing silicones softener improves tear strength & reduces abrasion loss. Effects are fast to washing & dry cleaning.  6. Shear stable.	Modified polysiloxane	Non-ionic
145	142	POWERSIL-EHS	Powersil-EHS is a durable, concentrated amino modified polysiloxane ultralow- yellowing silicone softener designed to exhibit excellent soft, smooth and greasy bully hand. It is shear stable and hence suitable in application in high turbulence equipment's like JET, Soft flow machine etc	I. Imparts excellent softening agent for types of fabric substrates.     Imparts durable, wash resistant softness to fabrics.     Non-yellowing shear stable.     4. Stable over wider range of temperature	Amino modified polysiloxane & speciality surfactants	Non-ionic
146	143	PRODUCT-100850	Product-10880 is highly effective non-yellowing, high performance micro emulsion for permanent finish on all types of fibers. Gives excellent soft & smooth, slightly bully handle on all types of fabric. It is Shear stable	1. Gives excellent soft, smooth handle on all types of fabrics & with very little impact on hydrophilicity.  2. Improves sewability, crease recovery & tensils strength of the fabric  3. Can be applied by pad & exhaust method.  4. Improves the stretch & recovery capacity of hait goods.  5. It is non-yellowing silicones ooftener improves tear strength & reduces abrasion loss. Effects are fast to washing & dry cleaning.  6. Shear stable.	Modified polysiloxane	Non-ionic
147	144	POWERSIL-1073	Powers1-1073 is a durable concentrated economical hydrophilic silicone softener designed to exhibit kauxincsy of x8 flexible hand feets to all types of cellulosic, regenerated cellulosic & cellulosic blends of fabrics irrespective of composition & structure	I. Imparts excellent softening without hampering the hydrophilicity of the fabric.     Imparts durable, wash resistant softness to fabrics.     Non-yellowing & shear stable.     Low viscosity & pumpable.     Suitable for auto-dispensing systems	Emulsion of modified amino siloxane	Weakly cationic / non-ionic
148	145	DERMASIL-SIG	Dermasil-SIG is a concentrated silicone-based auxiliary. It imparts a pleasingly soft dry handle to pigment-printed fabrics and improves their fastness.	Dermasil-SIG improves the moist, tacky handle that sometimes results from using very soft binders.     L it also acts as a oftener and has a positive effect on the brilliance and fastness of the prints, especially the dry rub fastness.	Polydimethyl siloxane	Non-ionic
140	146	SYLAST-CEG	Sylast-CE (i.s a very high molecular weight polydimethyl silozane in emulsion form. The emulsion forms the emulsion creates a thin but highly effective parting film. It does not carbonize or gum even at temperatures which would quickly destroy organic mould release agents, does not build up on moulds and does not discolor or damage rubber or plastics	1. Its vesting and spreading properties are excellent. Thus, also in case of using low roady to use concentrations there will be an even and smooth film. 2. General-purpose release agent for rubber vulcarization.  3. Ironing ad in aerosof formulations of starch.  4. Additive for fairful conference formulations.  5. Release agent for foundries	Dimethyl poly siloxane emulsion	Anionic
149	147	SYLAST-YTL-100	Sylast-YTL-100 is a polysiloxane based product for application as sewing thread labricant. It is suitable for all types of synthetic textiles and blends	Excellent heat protection and improved performance at high needle temperature who smalled for files, because the supplication systems.  2. Reduces coefficient of firstion with improved laster.  3. It is efficient for high speed sewing lines.  4. It is low im odor.  5. It reduces splashing during application and ensures skin and lump formation in the bath as found in aqueous systems	Based on polysiloxane	Non ionic
.50	148	SYLAST-YTL-200	Sylast-YTL-200 is a polysiloxane based product for application as polyester yarn labricant. It is autiable for all types of synthetic textiles and blends.	Excellent heat protection and improved performance at high needs tomperatures unstailed for High nemperatures supplication systems.  2. Reduces coefficient of friction with improved laster.  3. It is efficient or high speed sewing lines.  4. It is low in codor.  5. It reduces splashing during application and ensures skin and lump formation in the bath as found in aqueous systems	Based on polysiloxane	Nonionic
151	149	SYLAST-DC	Sylast-DC is a water free lubricant for application by cold lick roller or dosing pumps at final winder. The lubricant is suitable for all types of swing threads, particularly for PEC/OC AC DC embrody yarms made from Cotton viscose rayon & Pulyester. A pick-up of 4-6% is recommended	Gives very good smoothing properties with low level of tension peaks over thread guides & tensioning devices.     Provides protein on against heat & very good sewability.     Prevents static charge.     A Shows non-yellowing when exposed to nitrogen oxides during storage.     Does not contaminate waste water when correctly used	Water free formulation of silicone, waxes & additives	Nonionic

H	A 150	SYLAST-AWI	C Sylast-AWI is a wet waxing agent to impart good gliding properties to yarns	D  1. Results in high smoothness of the surface with low friction values.	E Blend of paraffin waxes	F Weakly cationic / non-ionic
152			system on it a wee visualing agents to impact good gaining in opticates to you and prefereably from endlulone, cellulones, profilences, PA, PSR said (see Section 1) and the soft of the soft of give a soft handle, to improve the see whalling and to prevent dismage to the loops. It acts a softener and lustering agent for cordurory and velvets	2. Assists in lings inadouties with earliest with own in count values. 2. Outfiers unifformly and completely onto all materials-especially onto PES 2. 4. Applicable by pad or exhaust process. 5. Couffers softwess and amorthmess. 6. Can be applied in restif finishing liquors. 7. Pervents damage to the loops. 8. No allyping of the lypers when cutting. 9. Couffers softwess and lister to pile fabrics. 10. Low volatility. 11. Non-yellowing	The second secon	, and solit
133	151	SYLAST-DSWS	Sylast-DSWS is a ready to use fully formulated polysiloxane based product designed for application as sewing thread lubricant by P.A. Winding or Godet method	Excellent sewability.     Reduces coefficient of friction.     Sifficient for high speed sewing line.     Improved production efficiency.     Improved luster.	Blend of polysiloxane and waxes	Non-ionic
155	152	STLAST-OVC	Splan-19VII is a specialty yroaket for year labelestion. It confers to the knitting years the glidling properties required for further processing. The product is applied in a fresh both after bleathing or dyeing of the years.	It enhances evenly & montly completely on the substant & the coefficient of festions of the year notational execution.  2. There is no need for a rewinding process like in case of solid paraffin treatment, if so call duries to both sure seed. This makes if possible to deliver the bobbins side direct by the superior of the substantial control of the deliver the bobbins are carried out at high speed & there is definitely less yare hreakage.  3. In case of a rewinding process, it can be carried out at high speed & there is definitely less yare hreakage.  4. Control to Suprished years a certain antisatic properties.  4. Control to Suprished years a certain antisatic properties.  5. In case of a rewinder year and the properties of the properties	Based on silicone, fatty acid condensation & wax	Weakly cationic
156	153	SYLAST-REG	Sylast-REG a silicone mould release emulsion is ideally suited as it forms films of low adhesion, thereby preventing adhesion of the moulded material. It is a highly efficient release agent. It is good for multiple release applications.   - Sylast-REG is also suitable as a shining agent for tire, rubber, and plastic industries.  - In the plywood manufacturing industry, it prevents buildup of glue and promotee easy removal of excess glue on platens and other parts of the presess used. In lamination and wood industry it is used as anti-in-class material to the platens.  - It is used in glass industry for conveying equipment, treating moulds, moulded glass articles.  - It is also used in High-speed offset printing process	2 Good dilution stability.  3. Gives better finish to the mould.  4. Can be applied by brashing, praying, or dipping, even for complex moulds.  5. His Low surface tession and therefore spreads easily.  6. Highly economical - Small quantity used per release.  7. The finin formed is durable and heat stable.  8. Imparts excellent shine, gloss and finish to the finished product.  9. Chemically hert-Coe not rattac function any other mould.  10. Exhibits Low volatility—No faming, No smoking problems.  11. EVA Release.	Dimethyl poly siloxane emulsion	Non-ionic
157	154	SYLAST-TNLA	Sylast-TNAL is a water free hubricant for application by cold lick roller or dosing pumps at a final widner. The lubricant is suitable for all types of sewing threads, particularly for PES/CO & CO & embroidery yarns made from CV & PES. A pick- up of 4-6% is recommended.	1. It gives very good smoothing properties with low level of tension peaks over thread guides. & Tensioning devices. 2. It provides protection against heat & very good sewability. 3. Prevents static charge. 4. Shows no yellowing when exposed to nitrogen oxides during storage. 5. Does not contaminate waste water when correctly used	Water free formulation of silicone, waxes & additives	Nonionic
158	155	PROLUBE-1003-LV	Prolube-1003-I.V is a medium viscosity reactive diamino functional polydimetryl siloxane fluid with a reduced level of cyclic siloxanes. It is suitable as active solutanes in softener formitalitions for the impreguation of fibres and testiles. It imparts a very soft, drapable, and elastic touch to woven and knitted fabrics.	1. It is a good softening agent for cotton fabrics and knitwear made of cotton or cotton/PES blends. 2. It improves the weals—and—wear properties and the crease recovery angle, strength and reduces abrasion loss. 3. The effects are fast to wealing and dry cleaning. 4. It has only little effect on the degree of whiteness in a softener formulation. As a rule no adverse effect on the shade or colour fastness properties of coloured goods is observed. 5. It imparts excellent slickness and resilience to the fiftre.	Reactive diamino modified polysiloxane	·
	156	AQUAREPEL-HC-303	Aquarepel-HG-303 is a modified allocane Nano-dispersion. It is free from flormocrations & flammable liquids. It is used for imparting awash durable water, soil & stain repellent properties on natural, synthetic fibers and blends. Aquarepel-HG-303 is utable for hydrophobaling treatment of porous or non-porous, absorbent or non-absorbent substrates.	1. Particularly preferred for water repellent treatment and impregnation of any fibers, especially partial (cotton, repen, vol., silk, excite), synthetic (polystes; r., plon, acyylc) (settles; their blends and other functional materials.  2. It improves and it is a man water repellency on cotton, wool, synthetic.  2. It improves endic.  3. It imparts a distinct gloss & luster on all porous and non-porous substrates.  4. Provides extraordinary soft hand feel on natural, synthetic fibers & their blends, unlike conventional fluorine-fee water repellents.  5. Combines a good apray rating with minimal pick-up of water.  6. Excellent durability to multiple home launderings dry-cleaning cycles.  7. Aquarepe-HC. 303, in combination with other additives can achieve other difference of the combine of	Modified siloxane Nano- dispersion	Nomionic
160	157	DERMASIL-180	Dermasil-180 is an eco-friendly, concentrated silicone softener, composed of diamino functional polysilozane as its principal active compound. It imparts excellent softness and monothness. It in Irreasset tensile resilience, gives spring elastic handle and a unique handle on various fabric substrates. It has a strong affinity for all fibers since it has a reactive amino functional group in its structure. APEO free.	I. It imparts a unique hand coupled with durable wrinlde recovery.     2. It gives excellent and durable softness, crease resistance, flexibility especially on cotton, uplon, polysets, excrylics and their blended knit.     3. It is very economical in usage and easy to handle.     4. Gives very good surface smoothness	Emulsion of modified amino siloxane	Non-ionic
161	158	DERMASIL-4770	Dermasil-4770 is a silicone softener composed of amino modified polysiloxane ast is principal active compound. It imparts excellent lubrication and smoothness. It increases tensile resilience, gives springly elastic handle and a unique softness on various fabrics. It has a strong affinity for all fibres since it has a reactive amino functional group in its structure.	1. It imparts a unique hand coupled with durable wrinkle recovery. 2. It gives excellent and durable softness crease resistance, flexibility and lubricants especially on cotton, nylon, polyester, acrylics and their blended knit. 3. It is very economical in usage and easy to handle.	Modified polysiloxane & specialty surfactants (APEO Free)	Nonionic
162	159	DERMASIL-6844	Dermasil-6844 is a silicone softener composed of amino modified polysilocane as its principal active compound. It imparts excellent lubrication and smoothness. It increases tensile resilience, gives springe skatic handle and a unique softness on various fabrics. It has a strong affinity for all filbers since it has a reactive amino functional group in its structure. Treated fabric exhibits very smooth handle	I. It imparts a unique hand coupled with durable wrinlde recovery.     2. It gives excellent and durable softness, crease resistance, flexibility especially on cotton, uplon, polysets, expiles and their blended knit.     3. It is very economical in usage and easy to handle.     4. Gives very good surface smoothness	Emulsion of modified amino siloxane	Nonionic
163	160	DERMASIL-CT	Dermasil-Tis devoloped as a non-ionic macro emulsion of a reactive, amino functional sitione fulf. It is particularly situable as softener for the impregnation of fibers and textiles. It imparts very soft, drapable, and elastic touch to woven and knitted fabrics	It it considered to be the best softening agent for PES/cotton & PES/Wool fabrics.  2. It improves the wash and wear properties and the crease recovery angle, seventility and tear temptgh and reduces abrusion lost. The effects are fast to working and day cleaning.  3. In has very little effects are fast to when usual application. 3. In has very little effect enemerally, as adverse effect on the shade or color fatteness properties of colored goods is observed.  4. As part of formulations used as fill filter finish, it imparts excellent slickness and resilience	fluid emulsion	Non-ionic
164	161	DERMASIL-INS	Dermasi-INS is a silicone softener composed of amino modified polysiloxane as the principal active compound. It impairs excellent historation and smoothness. It increases tensile resilience, gives springly elastic handle and a unique softness on various fabrics. It has a strong affity for all fibres since it has a reactive amino functional group in its structure	I. It imparts a unique hand coupled with durable wrinkle recovery.     It gives excellent and durable softness crease resistance, flexibility and lubricants especially on cotton, nylon, polyester, acrylics and their blended knit.     I. It is very economical in usage and easy to handle.	Modified polysiloxane & specialty surfactants (APEO Free)	Nonionic
165	162	DERMASIL-IS	Dermasil-IS is a newly developed softener composed of amino modified polysilozune as its principal active compound	1. It has a strong affinity for all fibers since it has a reactive amino functional group in its structure.  2. Treated fabric imparts very soft, lively smooth handle.  3. Treated fabric gives excellent inner softness especially on polyester & P/V fabric.	Emulsion of modified amino siloxane	Nonionic
166	163	FINISH/CONC-XLD	Finish-Conc-XLD is a cationic reactive high molecular elastomeric enhanced organic softner developed for application on dyed & printed lank & wome blended fabries. It impures a sleek soft handle with builkness. It has excellent penetrating & lubricating property & thus confers internal softness & diraphility. It shadmatively & plant faracter enhances drushility of finish & antistatic property. It can be applied by exhaust, and or low add-on techniques. It is recommended softener for wood, acrylic, polyester, cotton & their blends	1. It imparts a soft sleek handle with bulkiness on synthetics. & their blends. 2. Its substantivity makes it an excellent softener for wood, cotton viscose & their blends with synthetics. 3. It imparts surface smoothness on wool & silk fiber & thus improves their drapability & fall. Its podrary enhances static dissipation 4. It maintains softness event during resin finishing & commonly improves tear strength & abracian but in the strength of	Nitrogenous compound	Cationic

П	A	В	C	D D	E	F
167	164	MAXSOPT	MAXSOF not only can belp provide in-depth softness and slickness, but also features resistance to thermal migration, color fastness, fallow witheness, redyaeability, over dyaeability and moderate shear stability at a typical bath condition for textile finishing.	1. Provides a high level of softness (niner softness for all types of synthetic fathric especially polyster & their blends.  2. Does not cause fabric yellowing.  3. Laururiously slidy, ortape-able and in-depth softness, as opposed to a slippery hand-on fabric surface that is typically imparted by amino functional sillicone.  4. Suitable for all normal application methods, such as pad bath, exhaustion and spray.  5. Dilutions are extremely shear stable. Easily diluted with water.  6. Water dilutions have excellent compatibility with finishing baths.  7. Can be co-applied with fluorocaribon soil release agents.  8. Works at very jow dosage.  9. May be used with nost types of typical equipment's for textile finishing	Polydimethylsiloxane with functional groups (emulsion in water).	Non-ionic
168	165	MICRODERM-AS	Microderm-AS is a semi-micro emulsion of reactive organo functional silicone. It gives elastomeric, soft smooth finish on all types of fabrics and blends.	Lixcellent elastic resilience.  2. Improved wash. We war effects.  3. Imparts smooth, soft handle.  4. Improved elastic recovery of Initted goods.  5. Prevents loop damage during high-speed industrial sewing.  6. Improves the wern the Statess of 904 off birtics.  7. Improves dimensional stability of Init goods.  8. Excellent hydrophilic and antistatic properties	Organo functional silicone	Cationic
169	166	MICRODERM-DPR	Microdern-DPR is a semi-micro emulsion of an epoxy modified organo functional silicone elastomer to give permanent finish on all types of fibres and blends.	1. Excellent elastic resillence. 2. Improved vable & wear effects. 3. Imparts smooth, soft handle. 4. Improved elastic recovery of knitted goods. 5. Prevents loop damage during high-speed industrial sewing. 6. Improves the wet rub fastness of dyed fabrics. 7. Improves dimensional stability of losti goods.	Amino modified silicone	Weakly cationic / Non-ionic
170	167	POWERSIL-171	Powersi 1-71 is weakly cuttonic micro emulsion of an organo modified poly stoone. It impact settemely soft, ally, smooth handle on all type of fabric. Particle size of Powersii-1-71 is particularly designed to the degree of fabric softness. It penetrates deep into the filter bundle giving a luxurious soft handle	1. Gives excellent soft, smooth & elastic handle on all types of woven & knit fabrics & garments.  2. Can be applied by pad and exhaust.  3. Improved sevabulity;  4. Improved crease recovery angle & resilience.  5. Improved to restrength & abrasion resistance.  6. Its fine particles size ensures faster & uniform penetration into the fabric, making it less a surface treatment & more an internal softener.  7. Premium softness & silly fuzuries handle on woven & knitted fabrics.	Emulsion of modified amino siloxane	Weakly cationic
171	168	POWERSII-2244	Powers1:2244 is a non-ionic concentrated micro emulsion of an organo modified poby sulcome. It imparts externely sof, silly, someth handle on all types of fibric. Particle size of Powers1:2244 is particularly designed to the degree of fabric robness. Powers1:2244 penetrates deep into the fiber bundle giving a luxurious soft handle.	I. Gives excellent soft, smooth & elastic handle on all types of woven & knit fabrics.  2. Can be applied by pad and exhaust. 3. Improved crease recovery angle & resilience. 5. Improved terase recovery angle & resilience. 6. Its fine particles size ensures faster & uniform penetration into the fabric, making it less a strategist & abrosion resistance. 6. Its fine particles size ensures faster & uniform penetration into the fabric, making it less a strate er teratinet & more an internal softener. handle. 8. Further provided flexibility by allowing appropriated intuition based on following parameters. 2.) Fabric to liquor ratio (b) Desired finishes les offness etc. (C) cott of finish. 9. Premium softness & sility luxuries handle on woven & knitted fabrics. 10. Improvement in strength & recovery in knitted fabrics (elastomeric property).	Modified polysilozane & specialty surfactants	Non-tonic
П	169	POWERSIL-2271	Powersil 2271 is a silicone softener composed of amino modified polysiloxane as	I. It imparts a unique hand coupled with durable wrinkle recovery.	Emulsion of modified	Nonionic
172			its principal active compound. It imparts excellent labrication and smoothness. It increases tensifie resilience, give springe elastic handle and a unique softness on various fabrics. It has a strong affinity for all fibers since it has a reactive amino functional group in its structure. Treated fabric exhibits very smooth handle	2. It gives excellent and durable softness, crease resistance, flexibility especially no croton, nyion, polyester, acrylics and their blended knit.  3. It is very economical in usage and easy to handle.  4. Gives very good surface smoothness	amino siloxane	
	170	POWERSIL-3472	Powersil-3472 is a non-louic concentrated micro emulsion of an organo modified poly sulcome. It imparts externely soft, silly, smooth handle on all types of fabric. Particle size of Powersil-2244 is particularly designed to the degree of fabric softenses. Powersil-2244 penetrates deep into the fifther bundle giving a insurrious soft handle.	1. Gives excellent soft, smooth & elastic handle on all types of woven & knit fabrics. 2. Can be applied by pad and exhaust. 3. Improved crease recovery angle & restlience. 4. Improved crease recovery angle & restlience. 5. Improved crease recovery and a state of the control	Modified polysiloxane & specialty surfactants	Non-ionic
1/3	171	POWERSIL-360	noversi. 560 is a power packed softener & hand notifier based on proprietary regisered by the polynomes. A POT for eartfacturast. The semi mirror emulsion is specifically designed to ensure optimizing order to ensure ord	I. Saitable for all kinds of fabric especially cotton woven & denin garments & fabric 't grees excellent surface smoothness on Polysester wood & woolen fabrics.  21. Himparts a Polically soft, waxy, peaches type handle to fabrics.  3. Benefits wash wear performance. Suitable for padding and exhaust method.  4. Provides good surface smoothness.  5. Treated fabric gives least amount of thermo migration in polyester fabrics.  6. Improves color depth & brightness of treated fabric.	Urethane pre-polymer composition & specialty silicone	Weakly cationic
1/4	172	POWERSIL-3660	Powersil-3660 is highly effective high performance semi-micro emulsion of reactive organo modified polysloxane, for permanent finish on all types of fabric substrates, powersil-3660-25 treated fabric exhibit excellent soft & smooth handle on all types of fabric	Gives excellent soft, smooth handle on all types of fabrics.     Improves sewability, crease recovery & tessils etrength of the fabric.     Can be applied by pad & exhaust method.     Alm proves the stretch & recovery capacity of knit goods.     Improves the strength & reduces abraisan loss.     Improves the strength & reduces abraisan loss.     GEffects are fast to washing & dry cleaning.	Emulsion of modified amino siloxane	Non-ionic
175	173	POWERSIL-3825	Powersil-3825 is a newly developed softener composed of amino modified polysiloxane as its principal active compound	It has a strong affinity for all fibers since it has a reactive amino functional group in its structure.     Treated fabric imparts very soft, lively smooth handle.     3. Treated fabric gives excellent inner softness especially on polyester & P/V fabric.	Emulsion of modified amino siloxane	Nonionic
177	174	POWERSIL-ESQ	Powersil-ESQ is a non-ionic concentrated micro emulsion of an organo modified poly siloxane. It imparts extremely soft, silky, smooth handle on all types of fatheric. Particle size of its particularly designed to the degree of fabric softness. Powersil-ESQ penetrates deep into the fiber bundle giving a luxurious soft handle.	Gives excellent soft, smooth & elastic handle on all types of woven & knit fabrics.     Improved crease recovery angle & resilience.     Improved tear strength & abrasion resistance.     Il mproved tear strength & abrasion resistance.     It stift pearticles size ensures faster & uniform penetration into the fabric, making it less a surface treatment & more an internal softener.	Emulsion of modified amino siloxane	Non-ionic
170	175	POWERSIL-JET	Powersil JET is a color deepening agent designed to increase the depth of primarily cotton and their blended fabrics, dyed in black, navy blue or dark shades by post treatment of fabric.	Lit gives colour deepening in dark shades up to 15 – 30 % by pad, dry-cure process.  2 Excellent elastic resilience & soft and smooth handle.  3. Applicable by pad process only. For exhaust only to use in garment machine like drum washer	Emulsion of modified amino siloxane	Weakly cationic / Non-ionic
179	176	POWERSIL-MCA	PowersII-MCA is a non-ionic concentrated micro emulsion of an organo modified poly silicoane. It imparts extremely soft, silby, smooth handle on all types of fabric.	1. Gives excellent soft, smooth & elastic handle on all types of woven & knit fabrics. 2. Can be applied by pad and exhaust. 3. Improved sewability. 4. Improved sewability. 5. Improved sewability. 6. In the patricle sewa	Modified polysiloxane & specialty surfactants	Non-ionic
180	177	POWERSIL-NT-PES	PowersINT-PES is an immovative special silicone emulsion which in contrast to classic formulations does not enhance the thermo-migration of dispersed dyes on polyester fabric.	B Wesh fistness of dyed polyester fabric is closely related to the degree of thermo-migration of disperse dye during heat setting.  2. Due to a sophisticated formulation thermo-migration and bleeding is reduced, wash fatness properties are improved & the colour depth is enhanced.  3. Suitable for Poly/Viscose, Poly/Wool & polyester fabrics.  4. Excellent elastic resilience, out and smooth handle.  2. It is exhaustical belience with cartonic character	Silicone Urethane co- polymer	Non-ionic
181	178	POWERSII-Q4	Powers1-0-6 is a non-ionic concentrated micro emulsion of an organo modified poly siloxane.  Particle size of it is particularly designed to the degree of fabric softness. It penetrates deep into the fiber bundle giving a luxurious soft handle	L Gives excellent soft, smooth & elastic handle on all types of woven & knit fabrics.  2. Improved sevability, crease recovery angle & resilience.  3. Improved the art restight & abrasion resistance.  4. Its fine particles size ensures faster & uniform penetration into the fabric, making it less a surface restiment & more an internal Softener.  5. Its high concentration makes is extremely economical in usage & easy to handle.	Organo modified poly siloxane	Non-ionic

POWERSIL-SBT POWERSIL-SBT Powersil-SBT is an eco-friendly, highly concentrated silicone softener, composed of dismino functional polysilocene as its principal active compound. It imparts a unique hand coupled with durable wrindle recovery.  It is marries as disministration in the control of disministration of the composed of disministration in the control of the c	modified poly silocane fast to	Non-ionic  Non-ionic  Non-ionic  Cattonic / Non-ionic
composed of diamino functional polysiloxane as its principal active compound. It imparts excellent and durable softness, crease resistance, flexibility in the properties of the properties and the properties of	amino siloxane  Emulsion of modified amino siloxane  Wool Semi-micro emulsion of modified poly siloxane first to siloxane. Functional polysiloxane sickness  Emulsion of modified polysiloxane in the siloxane siloxane in the siloxane siloxane in the siloxane siloxane in the siloxane in t	Non-ionic  Non-ionic
polysikozane as its principal active compound. It imparts excellent softness and a smoothness. It increase resistance, flexibility and importance in the product of the pro	amino siloxane  Wool Semi-micro emulsion of modified poly siloxane fast to clones  Lickness  Brinchional polysiloxane by to accept the siloxane by to get of the siloxane by the	Non-ionic
fluid it is particularly suitable as offener for the impregnation of fibers and textiles. It imparts are veryoft, drapeable and elastic took to woven and knitted in the crease recovery secondarial and resilience to the fiber.  182  SOFTSIL-CSK  Softsil-CSK is a micro emulsion concentrate of specially engineered annion modified silicone. It imparts exceptionally soft full hand a luxurious handle and resilience to the fiber.  1. Its fine particles size ensures faster & uniform penetration into the fungrovement in fabric physical, tear strength, brains or resistant and sews performance, bending rigidity and co-efficiency of friction.  1. Inprovement in strength & recovery in knitted fabrics (elastometriproperty).  1. Durable finish stable over several home washing & laundering cycl.  1. Its fine particles size ensures faster & uniform penetration into the function of the contract of t	modified poly silocane fast to	
modified allicone. It imparts an exceptionally soft full hand & luxurious handle along with improved resilience & fabric physicals  along with improved resilience & fabric physicals  along with improved resilience & fabric physicals  andle. Further provided flexibility by allowing appropriate distinct on following appropriate distinct on follow	sy to assed e. s. s. c. cut	Cationic / Non-ionic
	abric, Functional polysiloxane	Cationic / Non-ionic
amino modified silicone. It imparts an exceptionally soft full hand & luxurious handle along with improved resilience & fabric physicals handle along with improved resilience & fabric physicals handle. Further provided flexibility by allowing appropriate dilution on following appropriate dilution on following appropriate of direction on following appropriate of directions on following appropriate dilution.  3. Easy to differ to lajour ratto, b) Desired finishes softness etc. and c) Cost of finish.	pased	
184 SUPERSIL-2004 Supersil-2004 is a micro emulsion concentrate of specially engineered amino modified silicone. It is an excellent pignent print softenew which imparts soft smooth handle. It imparts an exceptionally soft fill & luxurious handle along with improved resilience & fabric physicals of the control of the con	sy to assed e. s.	Cationic / non-ionic
Supersil-Soft-PG  Supersil-Sof	ry to ring	Weakly cationic / non-ionic
SyLAST-BOU Sy tast-BOU is a concentrated specialty polysitorane macro emulsion designed for application on synthetics, cotton and cotton blends for a bouncy finish  2. High molecular weight polysitorane with organo modified. 2. High substrate coverage. 3. High substrate coverage. 4. Organo modification designed to provide high archoring on center S. Smutlanesso ergano-modification to provide high archoring on center S. Smutlanesso ergano-modification to provide high archoring on center for the state of the		Non-ionic
187 SYLAST-FG-080 Sylast-FG-080 is a new generation engineered modified polysiloxane liquid concentrate micror emulsion for a smooth listrous handle on all types of substrates.  Seeding to the design of the state	Amino modified polysiloxane	Weakly Cationic
SyLAST-FG-196  SylAST	specialty surfactants abric, by to on shes	Non-tonic
191   Sylast-HC is a modified siloxane Nano-dispersion. It is durable and free from	e, Modified siloxane Nano-	Non ionic
fluorocarbon (PFOA & PFOS) and flammable liquids. It is used for imparting a durable water, sold a stan repedient properties minimizing aqueous soiling of porous or non-porous, absorbent or non-absorbent substrates.  The properties of the propert	als i.e. dispersion r, ting	
190 Sylast HC New Sylast-HC New is a modified siloxame Nano-dispersion. It is durable and free from fluorocarbon (PFOA & FFOS) and flammable liquids. It is used for imparting a durable water, soil & stain repeller properties minimizing aqueues plants; cost, called plastics, cost almate, coder, tubert, imitation leaft plastics, cost called plastics, wood, laminate, coder, tubert, imitation leaft plastics, cost animate, coder, tubert, cost	r, ring nt	Non ionic
191 SYLAST-RU Sylast-RU is non-ionic concentrated micro emulsion of an organo modified poly silouane. Suitable for garment & fabric stage application  2 Cambe applied by pad and exhaust. 3. Is fine particles size ensures faster & uniform penetration into the making it less a urface treatment of more an internal softener. 4. Premium softness & silly luxuries handle on woven & lainted fabr	specialty surfactants.	Non-ionic

	A 192	B SYLAST-SS	Sylast-SS is micro emulsion concentrate of specially engineered organo functional polysilocane.	D.  It is a premium pigment print softener which imparts soft smooth & non tacky handle. It imparts an exceptionally soft full & lucurious handle along with improved reallence & fabric physicals.  2. Its high concentration makes it extremely economical in usage & easy to handle.  3. Provides flexibility by allowing appropriate dilution based on following parameters. 3) Fabric to liquor ratu, b) Desired flush and c) Cost.  5. Excellent softness on pigment printed fabric & improves rub fastness properties of print.  6. Premium smoothness & non-tacky handle on printed fabrics.  7. Improvement in fabric physicals, text strength, abrasion resistance, cut and sews performance, bending rigidity and co-efficiency of friction.	E Functional polysiloxane	F Cattonic / Non-tonic
195	193	SYLAST-SS-75	Sylas-SS-75 is micro emulsion concentrate of specially engineered organo functional polysilocane.	I. It is a premium pigment print softener which imparts soft smooth & non tacky handle. It imparts an exceptionally soft full & luxurious handle along with improved realisence & abrite; physicals.  2. Its high concentration makes it extremely economical in usage & easy to experience of the property of the properties of the print pastes are improved.  5. Excellent softness on pigment printed fabric & improves rub fastness properties of print pastes are improved.  6. Premium smoothness & non-tacky handle on printed fabric.  7. Improvement in high physicals, tears strength, abrasion resistance, cut and sews performance, bending rigidity and co-efficiency of friction.	Functional polysiloxane	Cattonic / Non-tonic
196	194	TEXTILE SURFACE FINISH-ZX	Textile Surface Finish-ZX is a cattonic emulsion polymer of a proprietary re- equilibrated organo functional polysilocane and biodegradable surfactants.	I. It improves the elasticity of finished fabrics and resilience. 2. It imparts luster, enhances depth of dyed shade and improves its color value. 3. It improves fabric crease resistance and D.P. appearance ratings. 4. On knits it improves bursting strength and prevents bagging during wear. 5. It imparts a rich and luxurious handle along with a silicone specific feel and super-softness on all substrates.	Emulsion of modified amino siloxane	Cationic
198	195	TEXTILE FINISHER-EXL	Textile Brissher-EXI. is a cationic reactive high molecular elastomer developed for application on goved 8 printed that & woven blended fabrics. Enhanced organic or it is premium catseilicone	I. It imparts a noft slick handle with bulkiness on synthetics, it blief blends. It is substantivity makes it an excellent softener for wool, cotton viscose & their blends with synthetics.  3. It imparts surface smoothness on wool & slik fiber & thus improves their drapability & fall.  4. Its polarity enhances static dissipation.  5. It maintains softness even during resin finishing & commonly improves tear strength & abrasion resistance. It is dye both stable & has a slight leveling effect & hence can be used as dyebath softener, lubricant & antistat	Nitrogenous compound	Cationic
199	196	TOPSOFT-PR	Toposto. PR is a cattonic emulsion polymer of a proprietary re-equilibrated organo functional polysiloxane and hologeradable surfaces. It imparts rich luxuriant handle, a distinct down softness, excellent surface smoothness long with enhanced resilience. This innovation enables the processor to realize and optimize multifunctional benefits of a micro and mechanical emulsion, from a single product.	1. It improves the elasticity of finished fabrics and resilience. 2. It imparts luster, enhances depth of dyed shade and improves its color value. 3. It improves the crosser esistance and DP. appearance ratings. 4. It improves tear and tensile strengths, abrasion resistance & out & sew performance. 5. On kinst it improves bursting strength and prevents bagging during wear. 6. It is non-yellowing. It imparts wash fast and permanent properties. 7. It imparts a rich and luxurious handle along with a silicone specific feel and super softness on all substrates	Emulsion of modified amino siloxane	Cationic
	197	TOPSOFT-SM	Topsoft-SM is non-ionic oil in water semi-micro emulsion of reactive organo modified poly siloxane containing ultra-low levels of surfactants. It imparts excellent softness & slick surface smoothness	1. Excellent softness with a sikek silky handle. 2. Excellent surface smoothness with improved fabric drape & fall & enhanced wrinkle recovery. 3. Enhanced fabric physicals Le. tear strength, flex abrasion resistance, cut & sew performance.	Emulsion of modified amino siloxane.	Non-ionic
200	198	TOPSOFT-HT	Topsoft-HT is a non-ionic macro emulsion of an organo modified poly siloxane containing ultra-low levels of surfactants. It imparts a pure unhindered flinish characterized by excellent softness & slick surface smoothness.	Excellent softness with a slick sliky handle.     Ultra-low yellowing of practically non-yellowing softener.     Stexellent surface smoothness with improved fabric drape, fall & enhanced wrindle recovery.     Enhanced fabric physicals i.e. tear strength, flex abrasion resistance, cut & sew performance.     Negligible effect on dye shades & fabrics whiteness. Permanent finish durable to multiple cycles of home washing & dry cleaning. Pad applicable	Modified polysiloxane & specialty surfactants	Non-ionic
201	199	CELEXTRA	CELEXTRA is shear stable non-ionic oil in water micro emulsion of an organo functional polysilozane designed for imparting a full, soft silly shand coupled with excellent surface smoothness, improved DP. ratings & fabric physicals. It is completely non-yellowing even at elevated temperatures	Imparts a very soft & silky handle with excellent surface smoothness.     Non-yellowing finish even at high temperatures making it suitable for white fabrics & but go the fabric swith large white grounds.     I shanced writher esistance & usah and wear ratings.     I shance downied resistance & usah and wear ratings.     I shance downied resistance is uniform penetration into the fibre making it an excellent     Service of the stream of the	Functional Polysiloxane	Cationic / Non-ionic
203	200	DERMASIL-AH	Dermasil-AH is non-ionic oil in water micro emulsion of an organo functional polysilonane designed for imparting a full, soft silly hand coupled with excellent surface smoothness, improved dp. ratings & fabric physicals. It is completely non-yellowing even at elevated temperatures	Imparts a very soft & silky handle with excellent surface smoothness.     Completely Non-yellowing finish even at high temperatures making it suitable for white thatrics & dyed fabrics with large white grounds.     S. Tehnared writher eststance & used and wear ratings.     4. Good inter filter lubricity with reduced blending rigidity resulting in improved drape & full of fabric.     5. No effect in dyed shades. Improved tear strength, tensile resilience abrasion resistance, sewability & cut and sew performance. Shear stable	Functional polysiloxane	Weakly cationic / Non-ionic
204	201	POWERSIL-3734	Powersil-3734 is weakly catenic micro emulsion of an organo modified poly- silonane. It imparts extremely soft, sillay, smooth handle on all types of fabric.	1. Gives excellent soft, smooth & elastic handle on all types of woven & knit fabrics. Economical softener for garmatic alternative Team and exhaust.  2. Can be applied by pad and exhaust.  3. Improved sexhability.  4. Improved crease recovery angle & restlience.  5. Improved tear strength & abrasion resistance.	Emulsion of modified amino siloxane	Weakly cationic
205	202	POWERSIL-3735	Powersil-3735 is weakly catenic micro emulsion of an organo modified poly silonane. It imparts extremely soft, silley, smooth handle on all types of fabric.	1. Gives excellent soft, smooth & elastic handle on all types of woven & knit fabrics. Economical softener for garments. 2. Can be applied by pad and exhaust. 3. Improved excellent soft soft soft soft soft soft soft sof	Emulsion of modified amino siloxane	Weakly cationic
206	203	TOPSOFT-25-SS	Topsoft-25-SS is macro elastomer emulsion. It imparts a pure unhindered finish characterized by escellent softwess & slick surface smoothness. Improved tear & termles terregink-hanned ovinitier resistance & excellent drays-full even on difficult to soften fabrics are other realized properties. It is stable under acidic & mild albaline conditions.	Excellent softness with a slick silly handle.     Excellent surface smoothness with improved fabric drape & fall & enhanced writing tercuryer.     Reduced bending rigidity & coefficient of friction.     Alchanneed briting physicals it c. tens strength, fice abrasion resistance, cut & see performance.     Suppored D.7. rating spok & stain resistance & alively vibrant & full hand.     A. Reglipplie effect on dyes hadee & fabrics whiteness.     Permanent finish durable to multiple cycles of home washing & dry cleaning.	Modified polysiloxane & specialty surfactants	Non-ionic / cationic
207	204	TOPSOFT-DR	Topsoft-DR is a semi-micro emulsion of modified polysilocune. It imparts a pure unhindered finish characterized by excellent softness & slick surface smoothness. Freeze thaw stable	Excellent softness with a slick silky handle.     Excellent surface smoothness with improved fabric drape & fall &     Exhaust surface smoothness with improved fabric drape & fall &     Charlest surface smoothness with improved fabric fare fall &     Exhaust surface fabric playsicals i.e. tear strength, flex abrasion resistance, cut &     Sew performance.     Freeze thaw stable	Modified polysiloxane	Non-ionic

	A 205	B TOPSOPT-LOC	C Topsoft-LOC is a semi-micro emulsion of modified polysilosane. It imparts a pure unhindered finish characterized by excellent softness & slick surface smoothness. Freeze thaw stable	D  1. Excellent softness with a slick silky handle. 2. Excellent surface smoothness with improved fabric drape & fall & enhanced writing recovery. 3. Reduced bending rigidity & coefficient of friction. 4. Enhanced fabric physicals i.e. tear strength, flex abrasion resistance, cut & sew performance. 5. Freeze than stable	E Modified polysiloxane	F Non-ionic
208	206	TOPSOFT-SS	Topsoft-SS is a non-tonic macro emulsion of an organo modified poly siloxane containing ultra-low levels of surfactants. It imparts a pure unhindered flish characterized by excellent softness & slick surface smoothness.	Excellent softness with a slick silly handle     Ultra-low yellowing of practically non-yellowing softnener.     Stexellent surface smoothness with improved fabric drape, fall & enhanced writale recovery.     A Enhanced fabric physicals i.e. tear strength, flex abrasion resistance, cut & sew performance.     Negligible effect on dye shades & fabrics whiteness. Permanent finish durable to multiple cycles of home washing & dry cleaning. Pad applicable	Modified polysiloxane & specialty surfactants	Non-ionic
210	207	GLOGARD-800	Glogard-800 is durable, halogen free flame proofing agent for polyester fabrics, applicable by back coating methods on automotive textiles, uphoistery fabrics and textnical textiles	1.It has a high flame retardancy and water resistance. 2. It is halogen & formaldehyde free. 3. It is non-corrosive, no objectionable odor or fumes in the plant, on the goods or during washing. 4. The finals is non-fogging and treated fabrics do not generate any fumes in storage. 5. It imparts a durable, non-hygroscopic, non-corrosive, non-plasticizing & thermally stable flame retardant properties on synthetics and blended technical testics, complaint with global FR standards like WKS 302. 6. This finish is stable to the outdoor exposure i.e. UV radiation, heat & hunid aging.	Acrylic binders & ammonium salt additives	Anionic
211	208	GLOGARD-APM	Glogard-APM is a functional ammonium phosphate powder flame retardant based on phosphorus/nitrogen synergism. It is formaldebyde free and halogen free flame retardant	Reduced solubility and viscosity in water.     Improved dispersibility and compatibility with polymers and resins.     Increased fullidy of powder.     Inproved thermal expansion efficiency during inflaming retarding process and insulation performance.	Functional ammonium phosphate	Nonionic
212	209	GLOGARD-APP	Glogard-APP is a functional ammonium phosphate powder flame retardant based on phosphorus/nitrogen synergism. It is formaldeliyde free and halogen free flame retardant.	Reduced solubility and viscosity in water.     Improved dispersibility and compatibility with polymers and resins.     Increased fluidy of powder.     Improved thermal expansion efficiency during inflaming retarding process and insulation performance.	Functional ammonium phosphate	Nonionic
	210	Glogard-APP-WS	Glogard-APP-WS is water soluble flame retardant based on Ammonium Polyphosphate with short chain & low polymerization degree.	1. Powder or solid form, stable property, convenient for transportation, storage and use.     2. pH value is neutral & hence safe and stable during production use.     3. High P-N content with appropriate proportion, excellent synergistic effect.	Ammonium polyphosphate	Nonionic
213	211	GLOGARD-CP-NEW	Glogard-CP-NEW is based on an organo phosphorous compound, durable flame retardant for 100% cellulosic, silk, and viscose & its blended goods.	1. It is an excellent flame retardant for natural & regenerated cellulosic goods (except late), which imparts a finish durable to multiple washing & dry- except late, which imparts a finish durable to multiple washing & dry- leaf to except with high phosphors content & mainly used in protective work wear, all general outwear, special wear, interior goods, home textiles etc.  3. Mainly by padding application  4. Fabric treated with it is resistance to laundering & dry-cleaning.  5. Good retention of handle & drape after processing.  6. Is non-blooming (without white residue on the surface of the fabric).	Organo phosphorus compound, fiber-reactive	Nonionic
215	212	GLOGARD-CSND	Gaggard-CSDI is a non-durable flame retardant for Polyester, polypropylene, synthetic fibers & their blends. It can be applied by padding, spraying or impregnating	1. It imparts excellent flame retardant properties durable to dry cleaning to polyester, rulon, synthetics fabric & their bends 2. The treated fabric exhibits a soft handle and a dry non-hygroscopic finish. 3. It is a non-hazardous. 4. It is readily biodegradable and has no adverse effect on the environment.	Blend of inorganic and organic salts	Nonionic
216	213	GLOGARD-HF-23	Glogard-HF-23s durable, halogen free flame proofing agent for polyester flabrics, applicable by back coating methods on automotive textiles, upholstery fabrics and technical textiles.	I. It has a high flame retardancy and water resistance.  2. It is halogen & formaldelyde free.  3. It is non-corrosive, no objectionable odor or fixmes in the plant, on the goods or during washing.  4. The finish is non-fogging and treated fabrics do not generate any fumes in storage.  5. It imparts a durable, non-hygroscopic, non-corrosive, non-plasticizing & thermally stable flame retardant properties on synthetical and blended technical textiles, compliant with global FR standards like MYSS 302.  6. This finish is stable to the outdoor exposure i.e. UV radiation, heat & humid aging.	Acrylic binders & ammonium salt additives	Anionic
217	214	GLOGARD-HFR	Glogard-HFR is a non-durable flame retardant for mattress ticking fabrics & other substrates. The product is an organic-inorganic complex, introgen & phosphorous based. It is a flame retardant product specific for natural fibers and their blends, synthetic fabrics, non-woven fabric for automotive testiles and luits. The flame retardant effects are not durable to laundering	3. Halogen free, thus Ecofriendly & environmentally safe	complex, nitrogen & phosphorous	Non-ionic
218	215	GLOGARD-MCA	Glogard-MCA is a halogen free flame retardant based on melamine cyanurate.	Linsoluble (Water, solvent). High thermal stability.  2. It is a halogen-free flame retradrant. Being halogen free also results in significant advantages in terms of fire safety, i.e. lower smoke density, lower smoke toxicity and less corrosion.  3. With sublimation temperature the highest 440°C, it has a high thermal resistance and a good thermal stability in the processing.  4. Addition levels of Glogard-MCA are relatively low, giving good economics and mechanical properties compared to compounds containing halogen/antimony flame retardant systems.  5. Lower corrosion offers advantages in the processing stage or fire hazard	Melamine cyanurate	Nonionic
219	216	GLOGARD-NC	Glogard-NC is a water-soluble, non-durable flame retardant for cellulosic, synthetics and their blended substrates. It is a non-hazardous, readily biodegradable & has no adverse effect on the environment	I. It is durable to dry cleaning & not to washing(non durable).     It is suitable for woven, knitted and non-woven fabric substrates.     It imparts a soft handle.     It is Halogen free	organic salts	Nonionic
220	217	GLOGARD-PAD	Glogard-PAD is a water-soluble flame retardant for polypropylene, cellulosic, synthetics & its blend flbers. It is durable to dry cleaning & not to washing. It imparts a soft handle	L It is durable to dry cleaning & not to washing(non durable).  It is suitable for woven, knitted and non-woven fabric substrates.  Polyester, polypropylene, synthetic fibers & their blends. It can be applied by padding, spraying or impregnating  3. It imparts a soft handle.	Blend of inorganic and organic salts	Nonionic
221	218	GLOGARD-PEFR	Glogard-PEFR is an aryl phosphate based, halogen free permanent flame retardant for polyester fibers & blends.	I. It can be applied directly in the dyeing process with disperse dyestuff.     2-For best results flame retardant effect it's necessary to apply between 5-10 % of the product on the weight of fabric	Aryl phosphate	Anionic
222	219	GLOGARD-SCO	Glogard-SOD is resistant-to-soaking flame retardant preferably for cellulose and its blends with synthetic fibers according to BS 5852, part 1.	2. Dilutable with cold water.  3. Effects resistant to soaking according to B5-5651.  4. Effects resistant to dry cleaning in water-free systems.  5. High drying temperatures up to 170% cpssible.  6. May cause corrosion of metal parts.  7. Does not tend to blooming on the fabric.  8. Dry handle without impairing the soft handle.  10. After pre-trails basically compatible with softeners, fluorocarbon resins, water repellents, synthetic resins based on methylol	Based on ammonium polyphosphate	Weakly anionic
223	220	GLOGARD-STU-CONC	Glogard STU-Conc is an organo phosphorous compound for wesh permanent. flame retardant finishing of textiles made from Polyester fibers, polyamide & blends	1. Flame retardant for polyester, polyamide and its blend and PU coating. 2. High resistance to bundering and dry cleaning. 3. Low volatility and good compatibility to major polymer. 4. Good retention of handle and drape after processing. 5. Non-toxic and high safety. 6. Readily combined with other additives such as water & oil repellent finish etc. 7. Meets low fogging requirement for automotive goods. 8. It should be pre-diluted with water. 9. Can be used either alone or in combination with acrylic / polyurethane binders.	Organo phosphorus compound	Nonionic

_	A					
Н	221	LASER-SOL	C Laser-SOL is one such comfort finishing agent developed for chemical	D  1. It is an excellent weight reducing accelerator in caustic alkaline baths	E Ammonium salt blend	F Cationic
224	221	LASER-SOL.	Laser-50L is one such comfort finishing agent developed for chemical modification of polysetri fibers. It is caincia additive employed to accelerate hydrolysis of polyseter fibers in sciencia additive employed to accelerate hydrolysis of polyseter fibers in alkaline caussit bath and exhibit stilly historios teamer coughe with excellent softenes and improve different particles dissipation, modified to the control of the con	1. It is an excellent weight reducing accelerator in caustic alkaline baths applicable by dipping process fop ad-team process. Its addition at low levels of 0.2% to 0.5% in causaic baths: commonly boosts the rate of hydrolysis by concentration.  2. It causes a rapid loss in fabric weight and a uniform decreases in fabric diameter without on fabric strength, yarn breaking load.  3. It allows almost 50% reduction of caustic soda concentration in treatment baths do save the processing time. Thus it excenting the concentration in treatment baths do saves the processing time. Thus it economy by reducing energy consumption, offluent treatment cost, time & boosting productivity.  4. The treated fabric exhibit following property changes associated with comfort	Ammonium salt blend	Cattonic
	222	LASER-WR	Laser-WR is one such comfort flishling agent developed for chemical modification of polyseter fibers. It is caincia calditive employed to accelerate hydrohysis of polyseter fibers in silcaline caustic hath and exhibit siliy lustrous texture couple with excellent softness and improved drape, static dissipation, moisture absorbency and soil release properties	1. It is an escellent weight reducing accelerator in caustic alkaline baths applicable by diping process & pad steam process. Its addition at low levels of 0.2% to 0.5% in caustic baths: commonly boosts the rate of hydrolysis by over 400% even with 50% reduction of caustic soda concentration.  I consider the construction of caustic soda concentration.  It allows almost by the construction of caustic soda concentration in treatment stay of the construction of the	Ammonium salt blend	Cationic
225	223	LUBASOFT	LUBASOFT not only can help provide in-depth softness and slickness, but also features resistance to thermal migration, color fastness, fabric whiteness, re-dysability, new flowability, and moderate shear stability at a typical bath condition for textile finishing.	Provides a high level of softness (Inner softness for all types of synthetic fabric especially polyseter & their blends.     Does not cause barbric yellowing.     3. Lauraiously sillsy, draps-able and in-depth softness, as opposed to a slispery hand-on barbric surface that is typically imparted by amino functional silicones.     4. Sutathle for all normal application methods, such as pad bath, exhaustion and spray.	Block amino silicone emulsion	Non-ionic
227	224	LUBASSIST-109	Lubassist-109 is an anionic crease preventing agent / dyebath lubricant for woven and knitted fabrics. It is non-foaming and is suitable for jet dyeing units.	I. It is used for cellulosic fibers, wool, polyamide, polyester and blends of these fibers.     It is used in pretreatment, dyeing and after treatment.     3. Saitable for jet application.     4. Sable at temperatures up to 33°C.     5. Good stability to alicali and electrolytes.     6. Low foaming.	Fatty sulphonate preparation	Anionic
227	225	LUBASSIST-C	Lubassist-C is a high molecular weight, wealdy anionic/non-ionic emulsion polymer. This product provides exceptional fiber/fiber and fiber/fined highright, its recommended for use in the fabric wet processing for reduction of crack, crease, wrinkling, crow's feet, chalfe marking & fold marks	Lowers textile to textile friction. No formation of permanent crease during wet finishing.  2. Rope opens & displace more easily, so improve levelness.  3. Reduces textile to metal friction. Textiles run better & more dependably in mechines, no chain marks or stress.  3. Reduces textile to metal friction. Textiles run better & more dependably in mechines, no chain marks or stress.  5. Reduces the extile material. Higher utilization of Jets, winches, paddle & drun type machines. Improved quality of results in short liquor processing.  5. Optimizes dependability of results. No impairment of liquor stability, hence no dye agglomeration & no quality problems with stains & specks. No unlevelness, more even appearance of goods.  6. Has a non-permanent softening effect. Improved running properties of textile material. No stiffness of viscose in wet state.  7. Can be used for all type of fabric substrate.  8. Is highly effective at all temperature & pit leveds. Suitable for all dyeing method.  9. Has no impair rubbing fastness. No foam problems in jet dyeing stability of results.  11. Does not impair absorbency.	High molecular weight polymer solution	Weakly anionic / non-ionic
	226	LUBASSIST-C/Conc	Lubassist-Conc is a high molecular weight, weakly anionic/non-ionic concentrated polymer in powder form.	1. Lowers textile to textile friction. No formation of permanent crease during wet finishing. 2. Rope opens & displace more easily, so improve levelness. 3. Reduces textile to ment firetion. Textiles run better & more dependably in machines, no chafe marks or streaks. 4. Lowers the firition coefficient of the textile material. Higher utilization of jets, winches, paddle & drum type machines. Improved quality of results in short liquor processing. 5. Optimizes dependability of results. No impairment of liquor stability, hence no dye agalgomeration & no quality problems with stains & specks. No unlevenhess, more even appearance of goods. 6. Has a non-permanent softening effect. Improved running properties of	Non-ionic polymer	Wealdy anionic / non-ionic
229	1			textile material. No stiffness of viscose in wet state. 7. Can be used for all type of fabric substrate. 8. Is highly effective at all temperature & pH levels. Suitable for all dyeing method.		
	227	MICROTEK-FCS	Microtek-FCS is uniquely engineered polysiloxane which is compatible with fluorocarbon & soil release agents	7. Can be used for all type of fabric substrate. 8. Is highly effective at all temperature & pH levels. Suitable for all dyeing	Polysiloxane	Non-ionic
230	227	MICROTEK-FCS MICROTEK-SS	Microtek-FCS is uniquely engineered polysiloxane which is compatible with fluorocarbon & soil release agents  Microtek-SS is a novel textile designed to provide soft, sillay, hand to fabrics. The softness provided by Microtek-SS is durable for numerous detergent washes.	7. Can be used for all type of fabric substrate. 8. Is highly effective at all temperature & pH levels. Suitable for all dyeing method.  1. Does not interfere with soil release properties of fabrics treated with fluorocarbon soil release agents.  2. Non-yellowing.  3. Shear stable.  4. High level of softness suitable for all type of fabrics.  5. By pad, exhaust application. Provides re-wetting properties to fabrics.	·	Non-ionic  Non-ionic
230			fluorocarbon & soil release agents  Microtek-SS is a novel textile designed to provide soft, silly, hand to fabrics. The	7. Can be used for all type of fabrics ubstrate.  8. Is highly effective all temperature & pH levels. Suitable for all dyeing method.  1. Does not interfere with soil release properties of fabrics treated with fluorocarbon soil release agents.  2. Non-yellowing.  3. Shear stable.  4. High level of softness suitable for all type of fabrics.  5. By pad, exhaust application. Provides re-wetting properties to fabrics.  1. Provides a high level of softness for all types of synthetic fabric especially polysters the three blends.  2. Does not cause fabric yellowing.  3. Suitable for all normal application methods, such as pad bath, exhaustion and gray.  3. Suitable for all normal application methods, such as pad bath, exhaustion and gray.  5. Il myarts a slow wetting durable by dropolibic Larracter to fabrics.	Block silicone emulsion	
231	228	MICROTEK-SS	fluorocarbon & soil release agents  Microtek-SS is a novel textile designed to provide soft, silly, hand to fabrics. The softness provided by Microtek-SS is durable for numerous detergent washes.  Microtek-SSR is block silicone emulsion. It not only can help provide in-depth softness and slickness, but also features resistance fabric whiteness; re-dye ability, ower qwish ally not more depth searchilly and moderate shear stability at nupleablar son distilly and moderate shear stability at nupleablar son distilly.	7. Can be used for all type of fabrics ubstrate. 8. Is highly effective all I temperature & pil levels. Suitable for all dyeing method.  8. Is highly effective all I temperature & pil levels. Suitable for all dyeing method.  8. Does not interfere with soil release properties of fabrics treated with finorocarbon soil release agents.  9. Non-pellowing. 9. Shear stable.  8. High level of softness suitable for all type of fabrics.  5. By pad, exhaust application. Provides re-wetting properties to fabrics.  1. Provides as high level of softness for all types of synthetic fabric especially polyester? Where Hends.  2. Does not cause fabric yellowing.  3. Sattable for all normal application methods, such as pad bath, exhaustion and spray.  4. Fabrics travel work by farmed by divergible character to fabrics.  6. Dilutions are extremely shear stable. Easily diluted with water or alcohol.  1. The new modified group endows the fabric with excellent soft; smooth, stilly handle.  1. The mean modified group endows the fabric with excellent soft; smooth, stilly handle.  1. The new modified group endows the fabric with excellent soft; smooth, stilly handle.  1. Provides a high level of softness for all types of synthetic fabric especially performance.  1. Provides a high level of softness for all types of synthetic fabric especially polysters & their blends, over the shadle of softness for all types of synthetic fabric especially performance.  8. Sattable for all normal application methods, such as pad bath, exhaustion and spray.  8. Sattable for all normal application bethods, such as pad bath, exhaustion and spray.  8. Sattable for all normal application bethods, such as pad bath, exhaustion and spray.  8. Earlies treated with Microtek-Sar en on bydrophobic.  6. Dilutions are extremely shear stable. Easily diluted with water or alcohol.	Block silicone emulsion  Polysiloxanes, Polyether	Non-ionic
231	228	MICROTEK-SS  MICROTEK-SSR	fluorocarbon & soil release agents  Microtels-SS is a novel textile designed to provide soft, silly, hand to fabrics. The softness provided by Microtels-SS is durable for numerous detergent washes.  Microtels-SSR is block silicone emulsion. It not only can help provide in-depth softness and silickness, but also features resistance fabric whiteness, re-dye ability, over dye ability and moderate shear stability at a typical bath condition for textile finishing.  Microtels-SSR is a love the softness provided by Microtels-SS is durable for numerous detergent.	7. Can be used for all type of fabrics ubstrate. 8. Is highly effective at all temperature & pH levels. Suitable for all dyeing method.  1. Does not interfere with soil release properties of fabrics treated with funoroachton soil release agents.  2. Non-pellowing. 3. Shear stable. 4. High level of softness suitable for all type of fabrics. 5. By pad, exhaust application. Provides re-wetting properties to fabrics. 5. By pad, exhaust application. Provides re-wetting properties to fabrics. 1. Provides a high level of softness for all types of synthetic fabric especially polyester? A their blends. 2. Does not cause fabric yellowing. 3. Suitable for all normal application methods, such as pad bath, exhaustion and spray.  5. It imparts a slow wetting durable hydrophilic character to fabrics. 5. It imparts a down wetting durable hydrophilic character to fabrics. 6. Dilutions are extremely shear stable. Easily diluted with water or alcohol. 1. The new modified group endows the fabric with excellent soft, smooth, silky handle. 2. Effectively solved the problem of demulsification and stricking to the roller. 3. Outstanding compatible performance.  1. Provides a high level of softness for all types of synthetic fabric especially polyester & their blends. 2. Does not cause fabric yellowing. 3. Suitable for all normal application methods, such as pad bath, exhaustion and stricking to the roller. 5. It imparts a slow wetting durable hydrophilic character to fabrics. 6. Provides a high level of softness for all types of synthetic fabric especially polyester & their blends. 6. Does not cause fabric yellowing. 6. Each of the soft respectively only only only only only only only on	Block silicone emulsion  Polysiloxanes, Polyether  Block silicone emulsion	Non-ionic  Weakly cationic / Non-ionic

_	A	В	С	D	E	F
236	233	PERMAFIN-CO	Permatis-OB is a water soluble reactive type of Polyurethane elastomer recommended for use in the finishing of Cellulosic, Polyseter as well as their blends, to impart a soft springy finish to both woven is knitted fabrics. The treated fabrics & garments exhibit unique surface smoothness, soft feel similar to touch of a rose petal.	1. It is not affected by smilght or hydrolysis & when cured at temperatures of 130°C-170°C. 2. It gives excellent wash fastness & stability, improved tear strength & excellent crease recovery resulting in a lively bouncy handle. 3. It is compatible with most chemicals is extremely suitable for Air Permeability reduction. 4. It is an elastomer treatment and since there is no formaldehyde in the system, there is no health hazard	polyurethane	Weakly cationic
237	234	PERMAFIN-IO	Permatin-10 is a new generation softener and lubricant for all types of fabric substrates. It impress excellent softeners, greasy-soay) handle with antistatic properties. It is pad and exhaust applicable. It is enhanced organic softener	1. The economical aspects of Permafin-AO makes it an excellent general purpose softener, as well as a synergistic component of actual softener system to extend the effects of more expensive softeners such as silicone softeners.  2. It offers good internal lubricity & drape.  2. It improves abrassion, tear's acone protection.  3. It improves abrassion, tear's acone protection.  during processing	Amide siloxane	Cationic
238	235	Permafin Nano PU	Permafin-NANO-PU is Nano-dispersion self-crosslinking polyether polyurethane for high-grade finishing applications	1. Nano-emulsion for optimal distribution over and penetration into the fabric. 2. Forms a film around and between filbers. 3. Yields unique properties and application possibilities. 5. Yields unique properties and application possibilities. 5. Gan be used to obtain special handle modifications. 6. Anti-pilling returnents. 7. Upgrade of resin finish treatments. 8. Increased unduribility of selected softeners and resin finishes. 9. Durable bydrophilic finishes on all filbers. 10. Improved weet and dry rufn fastress.	Aqueous preparation of a modified polyether polyurethane	Non-ionic
239	236	PERMAFIN-PUA	Permatin-PIAIs is a textile chemical made from Polyurethane and used widely in textile finishing along with other finishing agents like silicine emission. It is ready emulsion easily soluble in water and imparts good softness and drape, resilience and body to textile fabrics.	1. Most suitable for synthetic fabrics. 2. Imparts of and amountheness handling for polyester, nylon, rayon and polyester/viscone fabrics. 3. Good water absorbency. 4. Non-yellowing by heat, light and NOg gases. 5. Light and mibbling fastness does not decrease. 6. Can be used easily with amino silicone emulsion and thus can reduce cost. 7. Imparts excellent resilience to fabrics.	Self-solubility modified polyurethane	Non-ionic
240	237	PERMAPIN-TA	Permalia-TA is a solvent and Aliyl Phenol Ethovylate (APE) free polymer based thickness designed for all types of water based formulations, especially the solvent free formulations.	1. It is Solvent free & Alisy! Themol Ethoxylate (APE) free. 2. Cont-effective due to its high reactivity towards most of the solvent free and solvent containing binders. 3. Liquid, easy-to-handle and highly concentrated. 4. Easy to use sole or in combination with every kind of low obser effective. 4. Easy to use sole or in combination with every kind of low obser effective solutions of the content of the content of the content of the content content of the content content content content content of the content c	Polymer	Non-ionic
241	238	PERMAFIN-UR/Conc	Permafile-IR.Cone is a newly developed reactive concentrated polyuverhane resist enushion for finishing of various found of restile failures. The polyurethanes are mainly used for anticrease and anti-shrinkage finish of P/C, P/V, cotton and other fabrics.	1. It gives excellent softness to rayon, polyester/rayon and polyester/cotton fabrics. 2. It gives excellent non-shrinkage and non-crease (anti-crease) properties to fabrics when it is applied in combination with thermosetting resins such as glyocal resins. 3. It does not give yellowing trouble when used for finishing white fabrics. 4. It does not give bad effect to the fastness of dyed fabrics. 5. It gives the brilliancy to the dark coder/shade of the dyed fabrics Le. It increases the color value of fabrics when used for finishing	Polyurethane resin	Weakly cationic / non ionic
242	239	PERMAFIN-UR-NEW	Permath-UR-New is formaldehyde free, self-crosslation, permanent polyether polyurethrae polymer throms a highly elasts film around the fibers. The basic handle is soft shigh bulk. This properties form the basis for a number of applications.	1. Additive for low-formaldehyde resin finishing. 2. Handle modifying agent given fill, soft handle. 3. Additive for post-cure resin finishing. 4. For use in felt-free finishes. 5. Improves abrasian resistance and rub fastness. 6. Reduces pilling. 7. Fiber-bonding agent. 8. Very good absorbency & can be used for moisture management & cool finish.	Aqueous preparation of a modified polyether polyurethane	Weakly cationic
242	240	PERMAFIN-ZF	Permille 2F is a non-formaldehyde urethane finish based on non-yellowing thermo reactive urethane propolymer with bull-it catalyse. It is designed to impart a naturally soft hand, high impact resilience, down proof finish coupled with durable bydrophility. It is self-consiloning, forming extensive 3 dimensional elastomeric films of reticular construction on all fabric substrates. This results in improved CR. angles 8 DP. appearance ratings on woven 8 excellent stretch/recovery 8 shape retention on kint.	1. A naturally soft (wet-touch-type) & full hand especially in combination with organo functional silicone emissions. 2. Elastomeric finish with high impact resilience resulting in improved fabric elasticity, stretch recovery & shape retention in knits. 3. Improved springs & bouncy handle with enhanced wet & dry crush resistance resulting in improved Dry appearance ratings. 4. Compacts non-resinated lost. Improves pide retention for cordural Simproves sanfortizing performance.	Urethane pre-polymer	Weakly cationic/non-ionic
243	241	POLYDERM-HI-2000	Polyderm-H1-2000 is a cationic emulsion polymer of a proprietary re- equilibrated organo functional polysiloxane and biodegradable surfactants	I. It improves the elasticity of finished fabrics and resilience.     2. It imparts luster, enhances depth of dyed shade and improves its color value.     3.0n kins it improves bursting strength and prevents bagging during wear.     4. It imparts a rich and luxurious handle along with a silicone specific feel and super softness on all substrates	Emulsion of modified amino siloxane	Cationic
245	242	PROFINISH-2091	Profinish: 2091 is a non-yellowing softening agent for softening effects on cellulosic and their blends.	1. Poursals form. 2 Gives excellent surface softness & smoothness to all type of fabric substrates. 3. Outstanding effect from a long liquor when used in small amounts. 4. Improves the mechanical properties of fibers in subsequent processes such as drafting, winding reteling, knitting and ardrafting, winding reteling, knitting the state of the light fastness & shade of dyeing's & prints. 5. Minimal effect on the light fastness & shade of dyeing's & prints. 7. Resistant to dy heat up to about 215 met.	Carboxylic acid amide derivative	Cationic
246	243	PROFINISH-2091/CONC	Profinish: 2091 (sonc is a non yellowing softening agent for softening effects on cellulosic and their blends.	1. Lamps form 2. Gives excellent surface softness & smoothness to all type of fabric substrates. 3. Outstanding effect from a long liquor when used in small amounts. 4. Improves the mechanical properties of fibers in subsequent processes such as drafting, winding releing, lattiting as drafting, winding releing, lattiting the fisherses & shade of yeing's & prints. 5. Minimal effect on the light featness & shade of yeing's & prints. 7. Resistant to fly heat up to about 2150f.	Carboxylic acid amide derivative	Cationic
246	244	PROFINISH-CWS/CONC	Profinish-CWS-Conc is a cold water soluble cationic softener flakes which gives excellent softness and smoothness to all type of fabrics.	Gives excellent softness & smoothness to all type of fabric substrates.     Improves the mechanical properties of fibres in subsequent processes such as drafting, winding reeling, knitting as drafting, winding reeling, knitting as drafting winding reeling, knitting A. Increases the elasticity of textured polyamide crimped yarn.     A liminal effect on the light fastness & shade of dyeing's & prints.     Improves sewability.	Fatty acid derivative	Cationic
248	245	PROFINISH-HDNI	Profinish-HDNI is a fine dispersion of high density aliphatic polyolefin (Hard polyethylene waz). It is a handle modifier and sewability improver for textile goods of all types.	1. Designed for application by padding & exhaust methods in short liquor jets. 2. It maintains gloss. It reduces coefficient of friction & enhances rub & 2. It maintains gloss. It reduces coefficient of friction & enhances rub & 4. It distinctly improves the sevability of woven and knitted fabrics & minimizes seam slipping. 5. It does not affect the whiteness of brightened goods. 6. It improves the tear strength & abrasion resistance of resin finished goods and the effect on raised goods. 7. It cases needle penetration considerably when needling non-woven and felts. 8. It is low-foaming, therefore suitable for application in jets	Aqueous dispersion of aliphatic polyolefin	Weakly cationic / non-ionic
240	246	PROFINISH-HIS	Profinish-MISs a hydrophilic auftener for cellulosic filbers, especially for terry goods, underweaver or appersower that require a good absorption, jet-stable. Antistatic softener for synthetic filbers	1. No influence on existing hydrophilic fabric properties. Enhances the absorberacy of terry towel when used along with hydrophilic silicone enulsions. 2. Affinity for the fiber. 3. Applicable in exhaust or pad processes. 4. Low-faming 8, electable. 5. Resistant to hardness. 6. High salt resistance.	Quaternary amine tetra- alkyl ammonium sulfate	Cationic
250	247	PROFINISH-HIS/Conc	Profitabi-IIIS Care is a hydrophilic softener for cellulosic fibers, especially for terry goods, underworr as sportweer that require a good absorption, jet stable. Auticalic softener for synthetic fibers.	1. No. influence on existing hydrophilic fabric properties. Enhances the honor-being of terry towel when used along with hydrophilic allicone emulsions.  2. Affinity for the fiber. 3. Applicable in exhaust or pad processes. 4. Low-faming § Jet stable. 5. Resistant to hardness. 6. Rejistant to hardness. 6. High salt resistance.	Quaternary amine tetra- alkyl ammonium sulfate	Cationic

	A 248	B PROFINISH-ISK	Profinish-ISK is a fine dispersion of high density aliphatic polyodefin (Hard polyethylene wax) & silicone. It is a handle modifier and sewability improver for textile goods of all types	B Maintains gloss. B Decreases coefficient of friction. I. Enhanced ruls & Scratch resistance. 2. High melting point. 3. Distinctly improve the sewability of woven and knitted fabrics. 4. Produces a very soft, smooth handle. 4. Produces a very soft, smooth handle. 5. Does not affect the whiteness of brightnend gnods. 7. Improves the abrasion resistance of resin finished gnods. 8. Noticeabily improves the effect on raised gnods. 9. Eases needle penetration considerably when needling non-woven and felts.	E Polyethylene emulsion	F Non-ionic
251	249	PROFINISH-KL-NEW	Profinish-KL-NEW is a softener for cellulosic fibers and their blends with synthetics.	1. Very good softening effects, also on mercerized cotton. 2. No impairment of hydrophilic properties. 3. Promotes mechanical shrinkage of knitwear. 4. Suitable for pretreatment of prints. 5. Suitable for white goods. 6. Improvement of sewability. 7. Application on reactive dyeing's and prints is also possible with pH-values of 6.0 - 6-5.	Based on quaternary ammonium softener & silicone	Cationic
252	250	PROFINISH-LAN	Profinish-LAN is a Softening agent to improve sewability of open-end yarns	For cellulosic, wool and blends of these fibers with synthetics.     Improves sewability, especially of open-end yarns.     Improves the estacticy of knitted fabrics.     4. Extremely smooth, silly handle.     Sultable for et application.     6. Low foaming.	Fatty acid condensation product/ polyethylene derivative	Cationic
	251	PROFINISH-L-18	Profinish-I-18 is an anionic crease preventing agent, dyebath lubricant for woven and knitted fabrics. It is non-foaming and is suitable for jet dyeing units	Bit is used for cellulosis fibers, wool, polyamide, polyester and blends of these fibers.  1. It is used in pretreetment, dyeing and after treatment.  2. Suitable for jet application.  3. Stable at temperatures up to 135°C.  4. Good stability to aliali and electrolytes.  5. Low foaming.	Fatty sulphonate preparation	Anionic
254	252	PROFINISH-LCS	Profinish-LCS is a concentrated liquid hydrophilic cationic softener dispersible in cold water	1. Preparation of acrylic tow for stretch breaking. 2. Use as softener in dyebath for acrylic fibers and as levelling agent for dydying process. 3. Softener for cellulose, synthetic, wool and their blends. 4. Use for surment washing and denin finish. 5. Good softener in resin finishing. 6. Good softener in gene for non-woven. 7. Highly substantive, strong antistatic effect and imparts treated goods with a soft, smooth handle, while it does not adversely affect the dye fastness. 8. It shows good stick-gilde behavior and improves sewability.	Quaternary ammonium compound	Cationic
255	253	PROFINISH-LU	Profinish-LU is a non-ionic crease prevention agent/dyebath lubricant for woven and knitted goods made of all types of natural and synthetic fibers and their blends for use in pretreatment, dyebath and after treatment.	1. Non-foaming, 2. High resistance to alkali and electrolytes. 3. Suitable for application on jet dyeing units (cationic and anionic liquors). 4. Can be diluted with cold water, forms stable stock solutions. 5. For cellulosis fibers, wool, acrylica, poly amide, polyester and blends of these fibers. 6. For use in pretreatment, dyeing and after treatment. 7. Low foaming, Stable temperatures up to 135°C.	Fatty acid ester preparation	Non-ionic
256	254	PROFINISH-N-200	Profinish-N-200 is a non-ionic softening agent which gives softening effects on collulosis: and their blends, and on all synthetic fibers with the exception of acry lies	1. Low foaming. Eady handled due to its liquid consistency. 2. Sable to has the store, as well as to concentrations of acids and alkalis normally resent. 3. It is compatible with all types of optical brightening agents, and with dyestuffs of all classes. 5. Non-yellowing, even at high drying temperature. 6. Gives excellent softening effects on cellulosis and their blends, and on all synthetic fibers with the exception of arcytics.	Fatty acid derivative	Non-ionic
258	255	PROFINISH-OC	Profinish-OC is a softener for natural and synthetic fibers. Softening of all fiber types, preferably by exhaustion	L Excellent soft handle on all fibers types, especially on PAN.  2 Outstanding effect from a long liquor when used in small amounts.  3. Improves the mechanical properties of fibers in subsequent processes such as drafting, wisding, reellan, leitting at drafting, wisding, reellan, leitting compared to the control of the	Carboxylic acid amide derivative	Cationic
259	256	PROFINISH-OE  PROFINISH-PEN	Profinish-OE is a softening agent to improve sewability of open-end yarns	For cellulosic, wool and blends of these fibers with synthetics.     Improves sewability, especially of open-end yarns.     Improves the elastication of kinterfle fabrics.     Extremely smooth, silly handle.     Sutable for jet application.     Low foaming.	Fatty acid condensation product/ polyethylene derivative	Cationic
260	257	PROPINISH-PEN	Profinish-PEN is a fine dispersion of high density aliphatic polyolefin (Hard polyethylene wax), loopethylene wax), It is a handle modifier and sewability improver for textile goods of all types	1. Maintains gloss. 2 Decreases coefficient of friction. 3. Enhanced rub & scratch resistance. 4. Detinctly improves the sewability of woven and knitted fabrics. 5. Facilitates making up operations. 6. Improves the Parison resistance of resin finished goods. 7. Noticeably improves the effect on raised goods. 8. Eases needle penetration considerably when needling non-woven and felts.	Aqueous dispersion of aliphatic polyolefin	Non-ionic
261	258	PROFINISH-RWS	Profinish-RWS is a low-feating hydrophilic specialty softening agent which imparts a very supple, soft feel and buffective to cellulosis and synthetics. It also significantly increases overall softness and abrasion resistance when applied to woolen fabrics.	LiGves a stilly soft and flowing handle, without impairing water absorbency, to the finished fabric and is particularly suited to towellig, bed-linen, knitted sportswear, hosiery and underwear.  2. Has low foaming tendency and is therefore ideal for application in circulating machines like jet and high-speed winch.  3. Gonfers an exclusive full and soft natural feel and improves abrasion and wood blends, increasing fabric tear resistance and durability.  4. Showe good resistance to yeldowing of whites and duling of bright colors even when finished goods are subjected to heat treatment or prolonged storage.  5. Is particularly suitable as a garment finish and can be applied easily by allowing the garment to soak in an aqueous dispersion of Profinish-RWS (in a bucket, tank, or washing machine) followed by squeezing/spin-drying and irroting.	Blend of non-tonic and cationic ethoxylated esters	Weakly cationic
262	259	PROFINISH-SHD	Profinish-SHD is cationic sewability improver for textile fabrics of cellulosic, synthetic or wool fibers and their blends	1. Specially designed for application by the exhaust method in short liquor jets. 2. Improves the sewability of textile fabrics, especially knitwear 3. Imparts an excellent soft handle. Facilitates garments manufacture 4. Is easy to handle. Is low-foaming, therefore suitable for application in jets	Aqueous dispersion of aliphatic polyolefin	Weakly cationic / non-ionic
263	260	PROFINISH-SS	Profinish SS is a hydrophilic coftener for collubion fibers, especially for energy goods, underwover or sportswear that require a good absorption, jet-stable. It is an excellent antistatic softener for synthetic fibers like polyester, acrylic etc.	1. No influence on existing lydrophilic fabric properties. 2. Affinity for the thether. 3. Applicable in exhaust or pad processes. 4. Low-faming, §6, et sable. 5. Resistant to hardness. 6. Resistant to hardness. 6. High salt resistance. 7. Antistatic effect for synthetic fibers.		Cationic
264	261	PROFINISH-TSN	Profinish-TSN is a fine dispersion of high density polyethylene wax (Hard polyethylene wax). Non-ionic softener and sewability improver for textile goods on all types of fibers.	1. Maintains gloss. 2 Decreases coefficient of friction. 3. Enhanced rub & scratch resistance. 4. Distinctly improves the sewability of woven and knitted fabrics. 5. Facilitates making up operations. 6. Improves the arison resistance of resin finished goods. 7. Noticeably improves the effect on raised goods. 8. Exses needle penetration considerably when needling non-woven and felts.	Polyethylene wax emulsion	
265	262	PROFINISH-UK	Profinish-UK is a versatile liquid softener for all types of fibers. It is fatty acid condensation product. It gives excellent soft handle on all types of fibers	1. Sewing threads and yarrs of any given fiber glides smoothly when treated with Pondinsh-Uk, which haukes for easier and more rapid sewing. 2. Excellent lubricating and sofnening effect let you process knitting job smoothly. 3. It improves sewing behavior of finished cotton fabric. 4. The antistatic property of Profinish-UK provides sufficient protection and so no special agent to be applied with this agent. 5. In the production of calendard effects the goods are often subjected to heavy friction by the calendared rolls. It protects the fabrics from this mechanical action and so promotes ease of calendaring living the finished goods with a superior handle.	Fatty acid condensation product	Cattonic

_						
	A 263	PROWAX-AC 8	Prowax-AC is an oxidized homopolymer for a wide variety of water-based emulsions allowing products perform better.	D. Maintains gloss. 2. Decreases coefficient of friction. 3. Enhanced rule Scardat resistance. 4. Distinctly improves the sewballity of woven and knitted fabrics. 5. Facilitates making up operations. 6. Improves the seristance of resin finished goods. 7. Noticably improves the effect on raised goods. 8. Eases needle penetration considerably when needling non-woven and felts.	E Oxidized homopolymer	F Nonionic
266	264	PROWAX-NK	Prowax-NK is used as softener to give body enhancing properties to the fabrics. It increases the tear strength and abrasion resistance of fabrics treated with resins	1. It can be use alone as a softener or along with non-ionic softener like Modsoft-1-Conc and or with Silicone Emulsion PMH to give excellent flinishing properties.  2. Since Prowax-NK is non-chlorine retentive it does not yellow at the baking temperature employed in the finishing process	Olefin wax	Non-ionic
268	265	QUENCH-AYXL	Quench-AVII, is a protective agent for the prevention of yellowing of Polyamide goods which is caused by phenolic substances and the oxides of nitrogen during storage	1. Prevents phenolic yellowing of polyamide goods during storage by blocking the free namine and groups of polyamide flates. 2. Specially developed product for padding process with optimized acid buffering system to automatically alloss the pad fluorop! 13. Resistant to hard water salts and acids. 4. No influence on the degree of whiteness. No negative influence on thermal yellowing.	Based on sulphonated derivatives	Anionic
269	266	QUEST-AQ	Quest A() is a fabric conditioner imparts durable soil release & anti-soil re- deposition properties to 100% polyester, nylon & its blends under a variety of application conditions.	Increased wearer confort. By creating a special hydrophilic surface on the polyseter fabric, Quest-AQ enables to garment to absorb moisture from the body and allow it to evaporate. In other worsts Quest-AQ gives polyester the ability to Threather and impart a coal boarbent feeling.  2. Antistatic effect: It minimizes the build-up of irritating static charges in the fabric and therefore eliminates the undestrable "clinging" problem often encountered in polyester garments. This antistatic protection also reduces the pick-up of air-borne dust and therefore reduces the cleaning effort. Garments come clean with the mildest wash and do not need expensive detergents.  3. Lower soil re-deposition: The special soil release action of Quest-AQ ensures that white fabrics stay white and colored fabrics stay bright. The 'graying' or 'dulling' of fabrics which occurs during domestic washing is markedly reduced.  4. Enhanced stain removal: It makes it easy to wash off oily or greasy stains and keeps the fabric fresh and clean.	Polymeric Hydrophile	Non-ionic
270	267	QUEST-AQ/CONC	Quest-AQ-Cone is a fabric conditioner imparts durable soil release & anti-soil re- disposition properties to 100% polyester, nylon & its blends under a variety of application conditions.	polyester fabric, Quest-AQ conc enables to garment to absorb moisture from the body and allow it to evaporate. In other words Quest-AQ conc gives polyester the ability to breather and impart a cool, absorbent feeling. A chitistic effects it minimizes the build-up of irritating static charges in the fabric and therefore eliminates the undestrable 'clinging' problem often encountered in polyester garments. This antitistatic protection also reduces reconstructed in polyester garments. This antitistatic protection also reduces the control of th	Polymeric Hydrophile	Non-ionic
271	268	QUEST-CSR	Quest-SR produces durable hydrophilic soil release properties in naturally hydropholic files much as polyeter kink; swewse, yars nad nonwowes, Quest- CSR is suitable for use in sportswear and general garments requiring good perspiration absorbency, in easily-soild work clothes and table lochts, flame- resistant curtains, and dish cloths and towels requiring water absorbency.	L lt imparts wash-fast water/prespiration absorbency to normally hydropholice polyvester.  2 lt imparts durable SR properties (SIM and SRD) to polyester.  3 cluest-CSR inchise polyester with a sort hand.  4. It can be used simultaneously in the disperse dyeing of polyester.  5. With Quest-CSR, causing hindrance to fiame-resistant properties is unlikely	Special polyester polymer resin	Anionic
	269	QUEST-HT	Quest-HT is fabric conditioner imparts durable soil release & anti-soil re- disposition properties to 100% polyectes 4 its blends under avariety of application conditions. Treated fabric exhibits excellent moisture transfer effect.	1. Provides good softness with stretch back property.  2. Can be used for chaustion & pad method.  3. High consistency in performance even after 50 home launderings.  4. Treated fabric gives dual effect of quick absorption & drying for polyester & polyester rich blends.  5. Increases the speed of moisture diffusion in three directions enabling the fabric to lift perspiration immediately from the skin to the outer surface of the garment & evenyeartes as the moisture does not get trapped in the clothing. Treated fabric imparts total complex—so matter what the conditions & atmospheric transportation moisture designed for polyester & polyester rich fabrics or garment.  7. Ensurers removed of moisture or we went at much higher speed & keep the body day with no after sweat chill effect.  8. Imparts non-cling performance to 100% polyester for better wearer comfort.  9. Notable improvement in the electrical conductivity of polyester fibers.	Polyester resin	Non-ionic
273	270	QUEST-MT/Conc	Quest-MT-Cone is a fabric conditioner imparts durable soil release & anti-soil re- disposition properties to 100% polyester & its blends under a variety of application conditions. Treated fabric exhibits excellent moisture transfer effect.	1. High consistency in performance even after 50 home launderings. 2. Treated fabric gives dual effect of quick absorption & drying for polyester & polyester rich before from the control of the polyester rich and the state of the control of the c	Polymeric Hydrophilic Compound	Non-ionic
274	271	QUEST-NP	Quest-NP is non-ionic soil release polyester for household and industrial products. It improves the removal of oil or fairty stains from fabrics during subsequent washing. It prevents the soil from adhering to the fibers. It can be used in washing proviers and liquid deelegents for household and industrial products. It can be incorporated in all-purpose cleaners	1. Even and deep film layer of hydrophilic property on/in the yarns and fabrics. 2. High speed water absorbency and quick drying-up. 3. SK (soil-removal and soil re-deposition controller) properties against stairs and dirt's. 4. Anti-static property. 5. Softening property.	Polyester polymer composite in dispersion	Non-ionic
275	272	QUEST-NY	Quest-NY is a surface active unique polyamide polymer in dispersion developed to modify the polyamide yarrs and flootic curface by forming a film layer of particles in Nano-level which stay evenly and quality stated here under in a washing resistance target to achieve 50 times.	1. It provides even and deep film layer of hydrophilic property on/in the yarrs and fabrics. 2. High speed water absorbency and quick drying-up. 3. SK (soil-removal and soil re-deposition controller) properties against stains and dirt's. 4. Anti-staic property. 5. Softening property.	Polyamide polymer composite in dispersion	Non-ionic
276	273	QUEST-PES	properties to 100% polyester, nylon & its blends under a variety of application conditions.  It may be applied before, during or after dyeing. It may be used with disperse & cationic dyes or combination thereof.	1. Increased wearer comfort:  By creating a special hydrophilic surface on the polyester fabric.  2. Antistatic effect:  2. Antistatic effect:  Antistatic problem often encountered in polyester garments. This antistatic protection also reduces the plock up of arishorne dust and therefore reduces the cleaning effort. Carments come clean with the mildest wash and do not need expensive detergents	Polymeric Hydrophile	Non-ionic
277	274	SANGUARD-1000	Saniguard-1000 is an advanced non-toxic oligomeric antimicrobial for industrial & consumer products.  Saniguard-1000 is poly/triby/troxysib/lypropyl-dimetylvotadecyl Quat, with excellent Anti-Escretal, Anti-Viral, Anti-	1. Thermally stable.  2. Saniguard-10ha haven proven to be non-toxic, to contain no carcinogens, tetrogens, mutagens or reproductive toxins.  3. Active kills instantly by disrupting the cell membrane, eliminating any possibility of mutation, adaptation or resistance; fast acting,  4. Can be used in a wide variety of materials.  5. Broad kill range.  6. Contains no VOC's, heavy metals such as arsenic, or polychlorinated phenols.	Silsesquioxane Quat	Cationic

_						
$\vdash$	A 275	SANIGUARD-7500	C Saniguard-7500 is a potent Anti-Bacterial, Anti-Viral, Anti-Fungal, Anti-Mold,	D  1. It is durable, nontoxic antimicrobial imparting broad spectrum, bio-static	E Silane quat ammonium	F
278	2/3	SANTUUALU-7-300	Same Years (A nei F goldin   The Third A nei F goldin   The Third A nei F goldin   Third A	Indicity to the entries of antimicronism registrates for the spectrum, noise-state.  Left in one-leading, non-migrating is not consumed by microorganisms.  3. It is effective against gram positive and gram-negative bacteria, fungi, viruses, Mold, algae & yeasts.  4. Prevents deterioration & discoloration caused by bacteria, fungi, algae & yeasts.  5. Prolongs the life of an article by inhibiting the growth of bacteria and office of the provides by the profession of the provides by the provides by the provides by the provides of the provides by the provides by the provides by the provides of the provides by the provides by the provides by the provides by the provides of the provides by the provides by the provides of the provides by the provid	Salatie quat ammonium compound	cationic
270	276	SANIGUARD-7500-70	Saniguary 7500-70 is a potent dati-Basterial, Anti-Viral, Anti-Vir	It it durable, nontonic antimicrobial imparting broad spectrum, bio-static activity to the artice of a wide variety of substrates.  2. It is non-leaching, non-migrating & is not consumed by microorganisms.  3. It is effective against gram positive and gram-negative bacteria, fungi, viruses, Mold, algae & yeasts.  4. Prevents deterioration & discoloration caused by bacteria, fungi, algae & yeasts.  5. Prolongs the life of an article by inhibiting the growth of bacteria and mildew.  6. It provides hygienic freshness. It resists odors through chemical protection.  7. It retains the freshness of an article by inhibiting or resisting the growth of odor causing bacterial and mildew (fungus).	Silane quat ammonium compound	cationic
279	277	SANIGUARD-7506-72	Saniguard-7500-72 is a potent Anti-Bacterial, Anti-Viral, Anti-Fungal, Anti-Mold, Anti-Vesst & Anti-Biofflin. It is a broadspectrum, non-leaching, non-took, durable antimicrobial. It is hydrophobic, non-migrating & is not consumed by microorganisms.	1. It is durable, nontoxic antimicrobial imparting broad spectrum, bio-static activity to the surface of a wide variety of substrates.  2. It is non-leading, non-nigaring the sine of consumed by microorganisms.  3. It is effective against gram positive and gram-negative bacteria, fungi, viruses, Mold, digas & yeasts.  1. It is effective against gram positive and gram-negative bacteria, fungi, algae & yeast.  5. Profongs the life of a raticle by inhibiting the growth of bacteria and mildew.  6. It provides hygienic freshness. It resists odors through chemical protection.  7. It retains the freshness of an article by inhibiting or resisting the growth of odor causing bacterial and mildew (fungus).	Silane quat ammonium compound	Cationic
280	278	SANIGUARD-9000	Saniguard-9000 is a potent Anti-Bacterial, Anti-Viral, Anti-Fungal, Anti-Mold, Anti-Yeast & Anti-Biofilm.  It is a brondapsertum, non-leaching non-toxic, durable antimicrobial. It is hydroglobuc, non-migrating & is not consumed by microorganisms.	1. It is durable, nontoxic antimicrobial imparting broad spectrum, bio-static activity to the surface of a wide variety of substrates.  2. It is non-leaching, non-nigaring its not consumed by microorganisms.  3. It is effective against gram positive and gram-seguitve bacteria, fungl.  4. Prevents deterioration & discoloration caused by bacteria, fungl, algae & yeasts.  5. Prolongs the life of an article by inhibiting the growth of bacteria and mildew.  6. It provides hygienic freshness. It resists odors through chemical protection.  7. It retains the freshness of an article by inhibiting or resisting the growth of docr causing bacterial and mildew.	Silane quat ammonium compound	cationic
201	279	SANIGUARD-ECO	Saniguard-ECO is a solvent free non-leaching anti-microbial agent for durable hygienic flushing of celluloric, synthetics and their blends. It is effective against throad pactrum of pathoganic microbes. Treated fabric substrates compiles with AATCC 100, JS L 1902 test methods	It is durable, nontroic antimicrobial imparting, broad spectrum, bio-static activity to the artice of a wide variety of oilstrates.  2. It is now-leaching, non-nigrating & is not consumed by microorganisms.  3. It is effective against gram positive and gram-negative bacteria, fungi, viruses, Mold, algae & yeasts.  4. Prevents deterioration & discoloration caused by bacteria, fungi, algae & yeasts.  5. Prolongs the life of an article by inhibiting the growth of bacteria and mildeu.  6. It provides lyygeinic freshness. It resists odors through chemical protection.  7. It retains the freshness of an article by inhibiting or resisting the growth of dor causing bacterial and mildew (fungus).	quat ammonium compound	Cationic
202	280	SANIGUARD-EPA	Saniguard-EPA is a moth & beetle-proofing agent for the treatment of wool & wool blends, feathers & animal hair.	1. Highly effective against Timeola/Timea (moths). Anthremus (carpet beeles), Attagenus (for beetles) and Hofmannophila. Ps. (false clothes moth). 2 Wood treated with Saniguard-EPA as instructed in the guide recipes meets the requirements set by the Wood mark Company 1). Gulf and Woods of New Zealand 1). Saniguard-EPA treated uniforms or garments have a knocle-down effect on flying insects like mosquitoes and flies and on crawling insects like ants, miles and cockroaches	Preparation of permethrin (synthetic pyrethroid)	Nonionic
284	281	SANIGUARD-ICU	Saniguard-GII is a potent Anti-Bacerial, Anti-Yiral, Anti-Fungal, Anti-Mold, Anti-Yessi & Anti-Biodlin, It is a broadspectrum, non-leaching, non-toxic, durable through chemical protection is: It provides byginnic freshmess. It resists oders through chemical protection.	It is a water-based, contains so harsh advents. New-fummable.  It flexing-free & alcohold-free. Will and leach or would off once applied.  It can be allowed free for the leach or would off once applied.  It can be an order of the flexing of the flexing of the flexing of the products.  It is effective against gram positive and gram-negative bacteria, fungi, viruses, Mold, algae & yeasts. This provides broad spectrum microbial inhibition on treated fabrics.  A Prevents deterioration & discoloration caused by bacteria, fungi, algae & S. Prolongs the life of an article by inhibiting the growth of bacteria and middew.  A life successfully used on all class of aubstrates i.e. Textile, Plastics, Metal, Rubber, Ceramics, Paper, Wood, Glass, Paints, Resin, Concrete, Cement, Surfaces, Grouts, Porcelan, Synthetic Polymers, furniture, usahinas, umbrella, st. et. it is one-step disinfectants and antimicrobial cleaners for hospitals, schools and homes.	Silane quat ammonium compound	Cationic
204	282	SANIGUARD-KC	Saniguard-RC is used as an antiseptic, bactericidal /microbicidal and spermicide. This product is a ultrogenous cationic surface acting agent specific control of the product is a untrogenous cationic surface. See that agent year of the product is a unclure of various slidy is dain lengths. The greatest bactericidal activity is associated with the C12-C14 alkyl derivatives.	It is one of the safest synthetic biocides known, and has a long history of efficacious use. Applications are extremely wide ranging from disinfectant for the control of t	Quaternary ammonium compound	Cationic
285	283	SANIGUARD-MIC	Saniguard-MIC is a concentrated, durable antimicrobial and anti-enveloped virus (includes Novel Coronavirus - CDVID-19) finish especially formulated for use in the textile industry.	1. Will not affect color. 2. Kills enveloped viruses such as flu virus, feline corona virus, H1N1 virus on rigid-flexible surfaces. 3. No effect upon wash fastness. 4. Self and hygeinet. 5. Also and the proper propertum of Gram Positive and Gram Negative microoganisms. 6. Preserves fashict to a Hygeine Sandard. 7. Will prevent discoloration due to microbial attack	Quat derivative compound	
287	284	SANIGUARD-N-AG	Saniguard-N-RG is a pure metallic slaver based durable non-leaching antimicrobial, deeped to meet the finishing needs for customers requiring antimicrobial performance durable to multiple cycles of laundering. It is a preferred, safe and natural way to odor free and pathogen free textiles	1. A pure, metallic silver in pure denoined water:  2. Particle's large surface area allows optimum contact with textile, making it highly effective at deactivating bacteria and other microbes.  3. Effectively hooks onto textiles for extended durability wash after wash, estimated for lifetime of garment.  4. Non-leaching remains intact on treated textile and works where needed to protect garment or textile.  5. Long lasting performance with minimal amount of silver loading.  6. Easy to apply, works invisibly without changing the look or feel of textiles. Sale on askin, act on extensis, safe for the environment.  7. Easily applied through standard finishing processes—Exhaust, Padding, Spery, Moddling, counting processes.  8. Does not affect color or handle; Whites remain white.	Pure metallic silver	Wealdy cationic/ Non ionic

288	A 285	8 SANIGUARD-ZP	Saniguard-2P is used as a hygienic finish for testile protection against house dust mites, mildew and rotting. It has highly efficient anti-microbial & anti-fingal properties.	B Material protection: The development of mold stains is thoroughly stopped. Combination with a hydrophobic agent can achieve rot-resistance. 2 Curability, Microbial damage on the fibers is prevented and their functional properties preserved; the useful life of a consumer article is considerably longer. 3. Treated textiles are protected from unpleasant odors and offer greater controls.  Security of the control of the protected from the protected from the controls. Security of a statistical protected from the protected from the controls. Security of a statistical protected from the controls. Security of a statistical protection of the control o	E Pyrithione derivative	F Weakly Anionic / Non-Ionic
289	286	STABILITE-F	Sabilite-F is designed for light fastness and UPF (Ultra Vlolet Protection Factor) improving agent for polyecter, cationic dysable polyester and polyester benedet fabrics, especially like home textile and automotive interior materials and sports wears which require high lightfastness or special care under strong sunlight exposure	Excellent Improvement for Light Fastness:     - High temperature duration with less discoloration.     Less Fiber Strength Loss after Photo-Decomposition:     - Improve fiber strength stability and durability.     3. High Exhaustion Capability:     - Full exhaustion after high temperature dyeing.     4. Low Foaming Performance:     - Suitable for Je or yarn dyeing.	Benzotriazone derivative	Anionic
290	287	STABILITE-SLP-NEW	Stabilite-SLP-NEW is a highly efficient IV absorber to process polyester textile goods selected for the automotive industry	Improves the hot lightfastness of polyester dysing's with disperse dyes for the automotive industry which already have good lightfastness. I Reduces fiber dismage due to photochemical degradation.  I had so two fiber dismage due to photochemical degradation.  I had so two fiber dismages due to photochemical degradation.  I had so two fiber dismages dismages are described for exhaust dysing dismages due to the standard of the sole-color and therefore has virtually no influence on the shade of dyeing's. Improves the light fastness of disperse dyes in general.  4. Improves the light fastness of disperse dyes in general.	Benzotriazol derivative	Anionic
201	288	STABILITE-UPF-C	Stabilite-UPF-C is a textile finishing agent which enhances color fastness to light & perspiration for Cellulosic dyed with reactive, Sulphur & direct dyes.	1. Treated fabric exhibits excellent ultraviolet absorbing properties durable to washing resulting in improved UPF/SPF ratings on cellulosic fabrics 2. It has little self-color and therefore has virtually no influence on the shade of dyeing's.	Benzotriazol derivative	Non-ionic
292	289	SYLAST-729	Sylast-729 is a softening agent to improve sewability of open-end yarns	For cellulosic, wool and blends of these fibers with synthetics.     Improves sewability, especially of open end yarns     Sumproves the elasticity of leintted fabrics     4. Extremely smooth, silly handle     Suttable for et application     6. Low foaming		Cationic
202	290	SYLAST-ACA	Sylast-ACA is a dispersing and leveling agent for disperse dyes. It is also suitable for stripping polyester dyeing's.	It is suitable for stripping polyester dyeing's.     Helps in removing unfixed or loose dyestuff and does not loose redeposition of the dyestuffs.	Polyoxyethylene ether ester	Non-ionic
293	291	SYLAST-GT	Sylast-GT is a cationic softener/lubricant for yarns made of CD, WD, PAC and their blends and wool tops. It is used in all kinds of dyeing machines, backwashing machine and padder, Denim-rebeaming process.	Very soft and smooth hand feeling.     No tendency to yellowing at normal drying-for curing temperatures.     Improves sewally properties.     Excellent antistatic behavior.     High substantityt, can be used for exhaust method.     6. AEEA-free.	Dispersion of hydrocarbons & fat derivatives	Cationic
294	292	SYLAST-YLE	Sylast-YLE is a specialty product for yarn lubrication. It increases the tear strength and abrasion resistance of fabrics treated with resins	I. It is an excellent lubricant for yarns applied by a bath exhaustion process after dysing.  21 has an affinity to fibers & can be used for yarns having been submitted to cationic after treatment. Even in these cases a water clear exhaustion can be achieved.  3. Provides yarns with optimal gliding properties which is achieved by carefully selected waxes.  4. Yarns treated with it have a low friction coefficient.	Polyethylene dispersion	Weakly cationic
	293	SYLAST-YPM	Sylast-YPM is a combination of softeners & smoothing agents. Its range of application extends from top back-weahing of beying machine to yarn & piece good flushing. It reduces these to-left fiber-to-meal fiction. Avoid sewing damage to tailored goods. Softener for re-beaming of indigo dyed yarns.	Impurts soft handle & results in distinct reduction in filber-to-fiber & filber-to-netal friction.     It improves the running properties when used as a finish for tops, weaving yarrs & embrodiery yarrs.     Alben used for piece good finishing, it imparts a good feel & improves processing properties & helps to avoid sewing damage to tailored goods.     Improves sewhility of faintwar.     S. Softener for re-beaming of denim. High rebeaming speed.	Polyethylene based emulsion	Cationic
296	294	TRIPLEX-936	Triplex-936 is a unique performance chemical designed for achieving 3D special fashion effects on all class of cotton rich garments i.e. shirting, bottom weights, denims etc.	Sharp 3D effects, durable to washings.     Improves strength after resin process.     Improves rub fastness of indigo dyed & sulphur dyed denims.	Vinyl derivative	Non-ionic
	295	TRISTAR-F	Tristar-F is a non-formaldehyde based crosslinking agent. Gives excellent wrinkle resistance on cotton & its blends.	Gives excellent wrinkle recovery.     Formaldehyde free.     Applicable on cotton & its blend with synthetics.     No effect on tensile strength, tear strength, whiteness index.	Acrylic crosslinking agent	Cationic / Non-ionic
299	296	TRISTAR-L-112	Tristar-1-112 is a cross linker for the low formaldehyde easy care finishing of textife materials composed of cellulosic fibres and its blends with synthetic fibres.	1.Very good stability to hydrolysis. 2. Easy care finishing of woven and knitted fabrics composed of cellulosic fibres, viscose, alone and in blends with synthetics. 3. The finishing effects have good fastness to washing and dry cleaning.	Modified dimethylol dihydroxyethylene urea	Cationic
	297	TRISTAR-NF	Tristar-NF is a cross-linker for the formaldebyte-free, easy-care finishing of textiles composed of cellulosic fibers and their blends with synthetic fibers.	1.Embossed, schreiner and chintz finishes. 2. Formaldehyde free. 3. Very soft handle, God wash- and-wear effects. 54 Good wet & dry crease recovery angle. 5. Less loss of strength compared to resin containing formaldehyde. 6. Very good stability to chiorine in washing treatments.	Cyclic urea derivative in water	Nonionic to weakly cationic
300	298	ULTRA-CAS	Ultra-CAS is a cationic antipil & antislip agent produced by an insitu reaction which results in stable nano dispersions. It imparts excellent antislip, antipil and antisang characteristics to all fabric substrates i.e. synthetics, cellulosic's and their blends	Treated fabric imparts excellent antipil, antislip and antisnag properties.     It has an excellent antistatic effect on polyester fabric.     Treated fabric imparts naturally soft hand without any harshness.     4. Does not affect color fastness and rub fastness properties of the fabric	Pyrogenic silica sol	Cationic
302	299	ULTRAFRESH-MG	Ultrafresh-MG is a powder bleaching composition for fading and other special effect on cellulosic fabric. It is non-aqueous system designed to produce washed out look.	LUsed for finishes on denim such as French Frost, ice wash, white wash, snow wash and acid wash.  Sanow wash and acid wash.  2. Also used to achieve a Worn' appearance on light weight garments like fleece and T-shirts.  3. Can be used at different dosages to obtain many finishes.  4. Gives very good ocean wash effect on cordurey fabric.  5. It is non-aqueous method for fading a previously dyed denim fabric.  6. When used suitably it can achieve the following effects:  - Cracked look  - Tee look  - Bright white look  - Bright white look  - Black sky look	Semectite clay & alkali metal salt	Non-ionic
302	300	ALLENOL-738	Allenol-738 is a wetting agent, detergent for bleach bath additives for batch wise pretreatment and continuous immersion processes. APEO free. For scouring of wool	≅ Good enzyme compatibility. ≅ Good wetting properties, detergent, cleansing effect. High stability to oxidation and reduction bleaches. 2 Very good stability in abrill and action Good stability in hard water. 3. Good emislifying properties for knitting and weaving labricants, oils and vacces. Sol.—suspending and anti-redeposition properties. 4. Good observation of the properties of this hashbility of product and application liquors. No risk of precipitation in equipment with Vigorous Isquor circulation.	Based on ethoxylates	Non-ionic
_03	301	ALLENOL-ANF	Allenoi-ANF is a synthetic detergent possessing powerful wetting and detergent properties.	1. It can be used for scouring of all textile materials in view of its outstanding wetting, detergent action.     2. It is ideal for the "soaping" of dyed goods.     3. It is most suitable for pre-wetting of grey textiles prior to dyeing.	Emulsion of modified amino siloxane	Anionic

$\dashv$	A 302	B ALLENOL-COD	C Allenol-COD is an ecological bleaching compound for cotton and its blends with	□ Ecological and sustainable bleaching compound low COD and BOD values.	E Fatty alcohol ethoxylated	F Non-ionic
305			low COD & BOD values. Excellent emulsifying of mineral and silicone oils.	B Well balanced stabilizing of discontinuous hydrogen peroxide bleaching processes. B Very high degree of whiteness. B Very high degree of whiteness. B Very high degree of whiteness. B Variang suitable for jets and continuous systems with high liquor turbulence. B Variang suitable for jets and continuous systems with high liquor turbulence. B Variang stress the process of the pr		
306	303	ALLENOL-EHC	Allenol-EHC is an anionic, non-foaming wetting agent for continuous and discontinuous dyeing of cellulosic fibers and their blends with synthetic fibers.	1. It has as excellent wetting properties and facilitates penetration of difficult to penetrate cotton grey goods.  2. Can be applied in all neutral, acid and alkaline dye liquors in exhaust & continuous processes.  3. No retarding effect on reactive, vat, Sulphur or direct dyes and does not impair their solubility.  4. Prevents vat skinning and smears when dyeing with vat and Sulphur dyes.  5.1s non-foaming under all pH conditions & silicone-free.	Aliphatic ester	Anionic
307	304	ALLENOL-FLR	Allenol-FIR is a foam-generation auxiliary for foam-coating formulations and thermo-degradable wetting agent for use various finishes.	1. It has excellent thermal degradability. The wetting agent completely volatilizes during drying and curing without affecting the inherent absorbency or repellency characteristics of substrate.  2. Possesses good foam-producing properties and is an efficient foam-generator in the preparation of coating formulation in foam-coating equipment.  3. Stable foam is generated with product & when applied by coating on denim during bleaching with potassium permanganate & hypochlorite gives various bleaching effect or wave or ripple surface type effect	Specialty surfactant	Non-ionic
308	305	ALLENOL-JET-B	Allenel FF. B is a high performance, low-feaming detergent, designed for scouring & Need-Nigor Ortotan and synthetic fibers in machines of high liquor turbulence, e.g. Jet, Overflow & Package dyeing machines.	Banoother running of ropes, less flotation, leading to fewer tangles and more efficient pump performance.  B Uniform extraction of oils and waxes providing consistently clean foundation for level dying or whiter whites.  B Improved reproducibility, "well prepared is half-dyed".  B Cost savings by improved overall dye processing.  1. Fewer spots and stains on finished goods.  2. Cost savings possible by "Minimum Prepare".  3. Trouble-free liquid dispensing, Low dosages required.  4. Minimized organic pollutant lacid on dye house effluent.  5. Low Ganning character sustained throughout heating, cooling and rinsing cycles.	Ethoxylated fatty alcohols	Non-ionic
300	306	ALLENOL-LFD	Allenol-LFD is a high performance, low-foaming detergent, designed for scouring & bleaching of cotton and synthetic fibres in machines of high liquor turbulence, e.g. let, Overflow & Packed geving machines. Statable for continuous & discontinuous bleaching range. APEO free.	Smoother running of ropes, less flotation, leading to fewer tangles and more efficient pump performance.     Uniform extraction of oils and waxes providing consistently clean foundation for level dyeing or whiter whites.     Simproved reproducibility, "well prepared is half-dyed".     4. Cost savings by improved overall dye processing.	Ethoxylated fatty alcohols	Non-ionic
310	307	ALLENOL-LF-ECO	Allenel-LF-ECO is an economical low foaming wetting agent and detergent and bleach bath additives for batch wise pretreatment and continuous immersion processes. APEO free 8 ecofriendly. Suitable for application in jet machines.	1. Low foaming character sustained throughout heating cooling and rinsing cycles. 2. Good emulsifying properties for kuitting and weaving lubricants, oils and waxes. 3. Good soil-suspending and anti-redeposition properties. 4. High active content. 4. High active content. 5. High active content. 6. Live doctoring to DOC analysis o GEOS 301c). 6. Low odor - no unpleasant smell. 7. On suitable substrates and shades, & in particular where self-emulsifiable mineral oil has been used as the kuitting lubricant, a short minimum prepare process may be used rather than the traditional pre-scour, with a resultant improvement in productivity.	Based on surfactants	Weakly Anionic / Non-ionic
311	308	ALLENOL-PAC	Allenol-PAC is a low feating wetting agent and detergent with very good re- wetting action and extremely low feating, for discontinuous pretreatment processes on cellulosic and their blends with synthetics.  - Continuous/Discontinuous bleaching with hydrogen peroxide.  - Acid Cracking  - Acid Cracking  - Washing- off all kinds of fibers.	1. Ver ya god detergency and emulsifying power. 2. Good wetting properties. 3. Good resistance to oxidative and reductive bleaching agents. 4. Good sability to abilal and acids. 5. Ver ya good compatibility with enzymes. 6. Low foaming. 7. Liquid, pumpable formulation. Miscible with water.	Synergetic preparation of special surfactants	Non-ionic
312	309	ALLENOL-RW	Allenol-RW is a wetting agent and detergent with very good re-wetting action and extremely locating, for discontinuous pretreatment processes on cellulosic and their blends with synthetics.	1. Very good detergency and emulsifying power. 2. Good wetting properties. 3. Good resistance to oxidative and reductive bleaching agents. 4. Good stability to allali and acids. 5. Very good compatibility with enzymes. 6. Low foaming. 7. Liquid, pumpable formulation. Miscible with water. 8. Removes oily and greasy impurities as well as sizing and soil particles. 9. Recults in a good hydrophilicity. 10. Increases safety and reproducibility for subsequent processing stages.	Synergetic preparation of special surfactants	Non-ionic
212	310	ALTRANOL-810	Altranol-810 is a non-ionic surfactant that provides many benefits in a broad range of applications in the Personal Care market. It is a C7-l 0 flat yl adobol glycoside. It possesses excellent solubility, stability, surface and interfacial activities.	1. Made from 100% natural, renewable, plant-derived feedstocks. 2. Readily biodegradable. 3. Excellent foaming capacity and cleansing properties. 4. Stable even in low pit applications. 5. Gentle and effective-proven mildness. 6. Gentle and effective-proven mildness. 7. Flexible and multi-functional. 7. Flexible and multi-functional. 8. Free of sulfaster, perservatives, and EO. 1. used in shower gels, shampoos, bably care & cleansing, toolchpaster/mouthwash, face cleansing and shower/path products.	Based on C8-10 alkyl glucoside	Non-ionic
314	311	ALTRANOL-84	Altranol-84 has an excellent wetting power over the wide pH and temperature range. I	Very good wetting action.     Stable to alkaline and acidic liquors.     Stable to metal salts and hard water.	Ethoxylate & blend	Non-ionic
315	312	ALTRANOL-ABA	Altrano-A&A is an effective multifunctional blenching auxiliary & can effectively replace most of auxiliaries used in the conventional peroxide blenching grocess. It is suitable for cotton and its blends. It can be used in various processes, such as vat dyeing and jet overflow dyeing	1. Very simple operating process for scouring and bleaching treatment. 2. It ensures a highly stable hydrogen peroxide reaction without adding other stabilizer. 3. Excellent capillary effect and wetting performance. 4. It imparts well degressing performance. 5. Excellent solubility and single agent for scouring process can get the most even treated fabric, which ensure a good levelling effect in dyeing process.	Specialty surfactants & phosphonic acid derivative	Anionic
316	313	ALTRANOL-ADW	Altrano.ADW is a synthetic detergent possessing powerful vetting and detergent properties. It is eminently sustained for fiver boiling sosping of dyed goods and wetting out of grey textile prior to dyeing	I. It is very efficient as Kie- holling assistant.  2. It can be usefor for couring of all textile materials in view of its outstanding wetting (detergent action.  3. It is ideal for the "soaping" of dyed goods.  4. It is most suitable for pre-vetting of grey textiles prior to dyeing.  5. It can also be usefor prasting of dyestuff powders such as vats, azoics, etc.  6. Not suitable for cationic dyes.	Emulsion of modified amino siloxane	Anionic
317	314	ALTRANOL-AT	Altranol-AT is complex non-ionic allyl polyethylene glycol ether, APEO free with good detergency, excellent soil dispersing efficiency and wetting properties. It has excellent dispersing supending and artif-red-position properties minimizing staining of pocketing and labels and keeping filling whiter.	I. It has good detergency and excellent soil-dispersing capacity. They are mainly used in household, industrial and institutional detergents and cleaners.     I. It performs well in heavy-duty laundry detergents in medium and high temperature ranges.     It has an excellent dispersing and antir e-deposition properties, minimizing staining projecting and about an exposition properties, minimizing staining and reported in the properties of distract of 47-80 minimize likelihood of agglomeration, scaling and redeposition of persons of the properties of disposition of persons of the properties of th	Complex surfactant alkyl polyethylene glycol ethers	Non-ionic
318	315	ALTRANOL-BSP	Altranol-BSP is an additive for reducing back staining in desizing and cellulase abrasion process. It can be used for both wetting and dispersing in desize, abrasion and clean up, after enzymatic abrasion / bleaching	I. It has an excellent dispersing and anti-re-deposition properties, minimizing staining of pocketing and labels and keeping filling whiter. The dispersing properties of Attrande BSP imminized likelihood of agglomeration, scaling and re-deposition of process / solubilized contaminants.  2. It is compatible with 18 - amylase and cellulase enzymes in garment process applications. It can be used as both wetting and dispersing in desize, abrassion and clean up after enzymatic abrassion / bleaching	Surfactant blends	Non-ionic

210	A 316	B ALTRANOL-DBC	C  Altranol-DBC is a precipitation inhibitor, ant-tinting, dispersing & leveling agent for single bath continuous and non continuous dyeing with cationic & anionic dyes	L. Excellent leveling, retarding and compatibilizing agent for acid dyes.     Excellent leveling agent for disperse dyes on nylon and /or polyester and also acetate.     S. Excellent anti-precipitant when cationic and anionic dyes are used in the same bath.	E Specialty surfactant	F Non-ionic at neutral pH, mildly cationic under acidic conditions
319	317	ALTRANOL-DSZL	Altranol-DSZL is an innovative, multi-functional desizing product developed for derim wet processing. Formulated as a combination for desize, lubricant and penetralled chemical. It also severs as complete package auxiliary for allabilities scouring and bleaching, eliminating the need for multiple products. It can also be used as a physical altrastee to replace DE (diatomaccous earth) and peralite. It is APEO free.	1. Complete, balanced bleaching assistant for single stage bleaching. 2. Functions as combination hydrogen peroxide stabilizer and chelate. 3. Softer hand can be achieved in beleaching by eliminating need for sodium silicate. 4. Achieves excellent levels of whiteness. 5. Formulated for anti-redeposition control. 6. Cheducity product for use in hard work temperature (30°C) for goods prone to creasing, (80°C) procedures when polyvinyl alcohol is present. It is effective at a wide range of bath temperature. 8. Low Gominig. 9. APEO free & environmentally friendly. 10. Lower BOD and COD results from effluent	Kaolin blend dispersion	Anionic
320	318	ALTRANOL-GEO	Altranol-GEO is a high quality, low foaming stabilizer based on natural minerals, especially for use in the discontinuous bleaching of cotton and cotton blended fabrics	1. Complete, balanced bleaching assistant for single stage bleaching. 2. Excellent stabilizer for hydrogen percoide. 3. Achieves excellent levels of whiteness. 4. Enables optimum fluidities to be achieved. 5. Good cleansing effect of cotton through special washing mechanism. 6. Inherent lubrication properties, ensure good running of fabric during bleach process. 7. Low foaming. 8. APEO free. 9. Environmentally friendly.	Based on natural minerals	Anionic
	319	ALTRANOL-GRN	Altranol-CRN is a high performance, low-foaming dereyent, designed for socouring & Need-Nigor of cotton and synthesic (thes in machines of high liquor turbulence, e.g. Jet, Overflow & Package dyeing machines	1. Smoother running of ropes, less fileation, leading to fewer tangles and more efficient pump performance. 2. Uniform extraction of oils and waxes providing consistently clean foundation for level dying or whiter whites. 3. Improved reproducibility, "well prepared is half-dyed". 4. Cost savings by improved overall obje processing. 5. Fewer spots and stains on finished goods. 6. Cost savings possible by "Minimum" or Person required. 8. Minimized organic pollutant load on dye house effluent. 9. Low foaming character sustained throughout heating, cooling and rinsing cycles. 10. Good emulsifying properties for knitting and weaving lubricants, oils and waxes. 11. Low-do-lowing liquid form: High savine content. 12. Extremely high primary biodegradability (according to BIAS test) readdly bio eliminable (according to DCC analysis - DECD 301c).	Fatty alcohol alkozylate	Non-tonic
323	320	ALTRANOL-K	Altranol-K is a low feaming padding auxiliary in continuous dyeing and in the pad-jig process with cotton and polysester/cotton blend fabrics. Altranol-K improves the penetration and levelness of the dyeing. It is Ecofriendly and is free from APEO	Owing to its low foam development and good wetting action. Altranol K ensures the rapid deserration of wound packages dyed in long liquors and thus promotes penetration of the material by the dye liquid 2.4 Concentrated anionic rapid wetting and re-wetting agent in liquid form.	Salt of phosphoric acid ester	Anionic
324	321	ALTRANOL-LRW	Altranol. LRW is a specially scouring agent based on APEO Pres surfactants for the remoral of siltine onl, and was been esistent from control, synthetics and their blends with spandes/lycra. It is a multi-functional auxiliary which assist deciding, stain removal & shrinkage during preparation of regenerated reliulors. 10109/PES and its blends by batch wise application and in continuous processing ranges.	1. Is a powerful cleaning agent even at ambient temperatures to remove oily contamination from all substrates, ensuring clear and uniform dyeing's.  2. It is stable to high concentration of alkalis (approx. 40 g/ of sodium hydroxide).  3.8 free from chlorinated solvents and banned/harmful chemicals.	Based on specialty surfactants	Non-ionic
	322	ALTRANOL-MRK	Altranol-MRK is a specially scouring agent based on APEO Free surfactants for the remoral of allicone oil, and wax based residues from cottons, synthetics and their blends with spandes/lycra.	1. Is free from chiorinated solvents and banned, harmful chemicals. 2. Is a powerful cleaming agent even at ambient temperatures to remove oily contamination from all substrates, ensuring clear and uniform dyeing's. 3. Dees not contain alicyl phenol ethovylates (APEO-free auxiliary) and has minimum effluent problems. 4. Is suitable for batch wise application and in continuous processing ranges.	Alkoxylated fatty alcohol	Non-ionic
323	323	ALTRANOL-NOVI	Altranol-NOVI is a mineral based, multi-purpose, auxiliary for all discontinuous processes e.g. peroxide bleaching, pre-acouring elastane blends	Suitable for all cellulosic fibers and blends of cellulosic and synthetic fibers.  Subselved for all kinds of machines e.g. Jets, Winches, Jigs and Package Challenge.  Suitable for all kinds of machines e.g. Jets, Winches, Jigs and Package Challenge.  Suitable for all kinds of machines e.g. Jets, Winches, Jigs and Package effects.  Suitable for all kinds of great g	Based on natural minerals	Anionic
326	324	ALTRANOL-NR	Altranol-NR is a wetting cum deaerating agent for the pre-treatment and dyeing of cellulosic fibers and their blends.	B Excellent deaerating properties in yarn cheeses.  1. Stable to alkall up to 30 g/l caustic soda.  2. Phosphate and silicone free, solvent free.  3. Non-foaming.  4. APEO free.	Fatty alcohol polyglycol ether	Non-ionic
328	325	ALTRANOL-NR-60	Altranol-NR-60 is a wetting cum deserating agent for the pre-treatment and dyeing of cellulosic fibers and their blends.	L. Sacellent deserating properties in yars cheeses.     S. Sable to alkaliu pro 8 g/l caustic coda.     Phosphate and silicone free, solvent free.     Non-foaming.     S. APEO free	Polyglycol ether	Non-ionic
329	326	ALTRANOL-ODB	Altranol-ODB low temperature bleaching agent for cellosics & its blends	I. Reduced use of thermal energy, effective use of chemicals with corresponding reduction in the load on wastewater and in the operational load on a limited number of esperienced workers in particular are edavantage.  2. In addition, it gives fabric a soft hand without causing damage, and having no machinery corrosion or problems in the operational environment it imparts good water absorberop, resulting from superior, uniform bleaching and scouring, which paramete level depieng in the following stage.  3. One bath desize scour of Polyester, cotton & blended fabrics.	Blend of non-ionic and anionic surfactants with oxidative Compounds	Anionic
330	327	ALTRANOL-ODB-RS	Altranol-ODB RS ow temperature bleaching agent for cellosics & its blends	Reduced use of thermal energy, effective use of chemicals with corresponding reduction in the load on wastewair and in the operational toad on a limited number of experienced workers in particular are of great and on the control of the contr	Blend of non-ionic and anionic surfactants with oxidative Compounds	Anionic
331	328	ALTRANOL-OR	Altranol-OR is a dispersing agent for prevention of oligomer deposits. It is used at various stages in polyester production and processing for the removal of oligomer deposits.	baths. 2. Prevents filtration of oligomers in yarn packages. 3. Prevents oligomer deposits on machine parts. 4. Improves running properties of yarn for further processing steps. 5. No influence in shade.	Blend of specialty surfactants	Anionic
332	329	ALTRANOL-PV	Altrano-IV is an excellent dye complexing agent aid where over dyed shades on yarn or piece goods have to be reduced in depth while still miniatianing the general shade of the character of the original dyeing. It functions as a stripping agent for dyeing's obtained with via, subjust, reactive and direct dyes. It is an excellent fulling and scouring agent for wool.	1. A stripping agent for dyeing's obtained with vat, sulphur, reactive and direct dyes.  2. For lightening the shade of dyeing's and prints produced with direct dyes.  3. To prevent the ground from being stained when prints produced with direct and reactive dyes are washed off.  4. A levelling agent in dyeing with vat and direct dyes.  6. Prevents back staining during different processing stages of Denim Garments.  7. A fulling and scouring agent for wool. Helps to prevent the staining of white or pasted grounds is multi-color britise's. Levo Budsk, checks and stripes. Scavenger for loose color and residual soil (Le. removed during scouring operation) & prevents re-deposition on the fabric	Cationic polymer	Weakly cationic

				_		_
333	330	ALTRANOL-RK	Alternal RK is a specialty recording agent based on APEO Five surfactants for the removal of allicone of, and weak based residues from cottons, synthetics and their blends with spandes/lycra.	Is five from eliterizated solvents and banned/harmful chemicals.  2.4 is powerful desimilar gapet event a lambest emporators to remove only contamination from all substrates, ensuring clear and uniform dyeing's.  3. Dees not contain lady) befined behov/ates (APEO-Free availlary) and has minimum effluent problems.  4. is suitable for barch wise application and in continuous processing ranges	Fatty alcohol alkoxylate	Non-ionic
	331	ALTRANOL-SAS	Altranol-SAS is an anionic surfetant, based on secondary altanes sulphonate sodium salt. It is an environmentally friendly surfactant for detergents, chemical-technical and cosmetic industries.	Linkthweaking liquids: Standard dishweaking liquids & concentrates  2. Laundry detergines: Liquid detergrest, desergent powders and pastes  3. Household cleaners: All-purpose cleaners / Liquid metal / ceramic cleaner  (Acsometic hair and body care products: Shampoos / Shower gels / Foam  haths / Liquid soaps / Toothpastes  5. Industrial cleaners: Automotive cleaners / Metal degreasing agents /  Alkaline rust removers /  Hand cleaners.	Alkane sulphonate sodium salt	Anionic
334	332	ALTRANOL-SCS	Altranol-SCS provides excellent lather, thickening and conditioning properties. It is also an excellent replacement for most anionic surfactants in personal cleansing products	Naturally derived.     Cleansing agent.     Sluperses easily in water.     Excellent thickening properties.     Excellent thickening properties.     Denser and recramier foam.	Sodium coco sulphate	Anionic
333	333	ALTRANOL-SW	Altranoi-SW is an exe-friendily desizing cum securing agent for cotton and its blends. Helps low temperature bleaching	1. No seef for separate enzyme / conditive / acid desizing, 2. Excellent removal of starch, impurities and short fibers. 3. Good absorption. Increased whiteness. 4. Good absorption. Increased whiteness. 5. Eletter dysing and printing results. 5. Eletter dysing and printing results. 6. Lower dosage level gives flower BDD, CDD value in processed water. 6. Sub-startial refluction in reprocessing. 8. Sub-startial refluction in reprocessing. 9. Elliminates the time, energy and water of desizing step. 10. 20% reduction in sodium hypo bleach and hydrogen peroxide	Blend of surfactants	Anionic
337	334	ALTRANOL-XNI	Altranol-XNI is a versatile product for one bath scouring & bleaching of cotton woven & hosiery fabric, scouring aid for wool & specialty for combined scouring & dyeing polyester fibers, yarn and fabric	It is a specially developed auxiliary for pretreatment of textiles.     It has effective, degressing, wetting, stain removal & detergency action giving a very clean fiber /fabric.     3. It also serves as a machine cleaning agent	Ethylene oxide condensation products with non-chlorinated solvents	Crypto anionic
	335	ALTRANOL-ZBS	Altrano: ZBS is weakly anionic polycarboxylic acid copolymer. It is designed as an anti-redeposition, dispersing and suspending additive in standard garment wash processes	1. It provides superior soil release properties to polyester and polyester/cotton fabrics. 2. It minimizes staining of pocketing and labels and keeping filling whiter. 3. It is enzyme compatible and used as a back stain preventing agent for denims and garment processing	Polycarboxylic acid copolymer	Weakly anionic
338	336	ALTRAPLEX-1097	Altraples-1097 is a Washing off or soaping agent for reactive dyed fabrics. It is a dispersant and protective colloid with hinding properties for calcium, magnesium and heavy metal ions, for use in dyeing cellulosic fibers and their blends	1. Action based on dispersing and calcium/magnesium-inactivating properties.  *Disperses spanning/saluble calcium and magnesium salts. Inactivates - Disperses spanning/saluble calcium and magnesium salts. Inactivates - Disperses that spanning seems in hard water and on cotton.  2. Dispersing properties:  2. Dispersing properties:  2. Dispersing properties:  2. Dispersing properties:  3. Dispersing properties:  3. Dispersion (e.g. calcium carbonate) and precipitated dyes and hardness ions. Improves dyebath sability Promotes the best possible conditions for level dyeing 3.  3. Binds heavy metal lons in water:  - Binding with dyes sensitive to iron and/or copper.  - Binding with dyes sensitive to iron and/or copper.  - Perventies and properties in discussion of the discussion of	Mixture of addition complexing agent & polymers	Anionic
339	337	ALTRAPLEX-12S	Altraplex-12S is used as additives for low-phosphate and phosphate-free detergents. They inhibit incrustation and redeposition and boost detergency. They are also employed as dispersing a gents for organic and inorganic solids in water-treatment processes, etc	It is particularly effective for inhibiting scale formed by calcium and magnesium salts.     It is mainly used in institutional laundry detergents that contain high proportions of sodium carbonate.     It is also used to disperse pigments, fillers and other finely divided inorganic solids in water and in cooling circuits, etc.	Modified polyacrylic acid	Anionic
341	338	ALTRAPLEX-540	Altraples-540 is an organic sequestrant with excellent chelating action on clickim, magnessim, iron and copper for the treatment or hard water and heavy metal lons over a wide range of pH and temperature in preparation, coloration and finishing processes.	I. Processes high hydrolytic stability and maintains its sequestering activity across a wide pff range.  2. It is good defloculating property and dispersing action on suspended solids.  3. Improves brightness in cottons during scouring and bleaching and in washing of coloured fabrics.  4. Eliminates tendency of salt precipitation during print-paste preparations. ScA: as an efficient perside stabilizing in blacch liquor and prevents occurrence of pin-holes in cotton fabrics.	Based on organic acid salts	Anionic
242	339	ALTRAPLEX-AR	Altraplex-AR is used as a protection against stains caused by metal parts when dyeing garments.	Addition of it into the dyeing bath the risk of soiling by the metal parts (like metal buttons, zip fastners and rivets) or shade changes can be almost eliminated.  2. It prevents contaminations of the relat surface (many common types of alloys) when dyeing or re-dyeing garments.  3. It neither influences the fastness's nor the handle.	Alkanol ester	Slightly anionic
343	340	ALTRAPLEX-CA	Altraples-CA is an organo phosphonate with multifunctional properties like sequestration, deflocatiation, threshold inhibition and hydrolytic sability, as a single active ingredient. Because of the combination of these properties it has a wide range of applications. One of the most important applications is in scale prevention and corrosion inhibition in water treatment.	I. Deblares Gleium, magnesium other metallic impurities.  2. Is offens water.  3. Removes hardness formers, avoids salt deposits prevents catalytic damage by heavy metal ions, prevents precipitations of hydroxides or earth alkali silicates in the bleach liquor.  4. Imparts distant orbighening effect during boiling off or bleaching.  5. Prevent deposits of hydroxides and silicates, in the fiber and machines thereby reducing scaling.	Organophosphonate	Anionic
344	341	ALTRAPLEX-CI	Altraples-CI is a corrosion inhibitor and passive inhibitor for water systems	I. Generally used as passive and corrosive inhibitor of metal structures where systems are used.  2. Dyening of ready-made garments with metal buttons and/or zips, protents are consecuted by the open cones - from the chemical attack caused by the open true conditions, preventing stain formation due to metal accessories.  3. Does not after dyes features; in any case preventive tests are recommended.	Corrosion inhibiting agent, phosphoric acid derivative	Non-ionic
3,45	342	ALTRAPLEX-DCA	Altraples-DGA is an efficient multifunctional agent with the functions of a dispersant, protectic colloid, soaping agent, complexing agent and a chelating agent for all stages in dyeing of textile made from cellulosic and blends	I. It exhibits excellent dispersing effect on raw cotton impurities (Wasse & Pectitates) and on the precipitates caused due to hard vater.  2. It also has moderate chelating effect on metal ions. Consequently Altraples.  20. It also has moderate chelating effect on metal ions. Consequently Altraples.  21. Altraples common device effect of Calcium and Mg+rison on the solubility of anionic dy-es & their affinity to celluloist.  3. It helps to remove the loose dyes and possible heavy metals from the fabrice, thus giving better west fastnesses and higher quality fabrics.  4. It gives the high dyoday of reactive deys from forming calcium salts, which a given the control of the	Acrylic copolymer	Anionic
346	343	ALTRAPLEX-DEX	Altraples-DEX is an efficient dispersant (protective colloid) and chelating agent for all stages in dyeing of textiles made form cellulosic and blends.	1. It exhibits excellent dispersing effect on raw cotton impurities (Waxes & Prectinates) and on the precipitates caused due to hard water.  2. It also has moderate cleaking effect on media tons. Consequently Altraplea- cause of the control of the control of the control of the control of the solubility of anionic dyes & their affinity to cellulosic.  3. Its limited chelaring operated in susficient to remove metal ions from metal complex dyes hence it does not impair the shade & fistness properties of dyeing obtained with reactive and direct, metal complex dyes.  4. Is non-foaming with no affinity to anionic dyes.	Acrylic acid – Maleic acid copolymer	Anionic

_						
247	A 344	ALTRAPLEX-GBC	Altraples-GBC is developed as an efficient dispersant (protective colloid) and chelating agent for all stages in wet processing & dyeing of textile made form collusion; and the blends. It is a sugar acrylate polymer with excellent bleckey adability.	1. It exhibits excellent dispersing effect on raw cotton impurities (Waxes & Pectinates) and on the precipitates caused due to hard water. Dispersing of Pectinates) and on the precipitates caused due to hard water. Dispersing of 2. It exhibits high hechation of Calcium & Ragnesium ions greenest in hard water. It eliminates the adverse effect of Calcium and Mg++ ions on the subultity of anionic dyes & their affinity to cellulosic.  3. Itsia limited chelating potential insufficient to remove metal ions from metal complex dyes whence it does not impair the shake & Sistense properties of dyeing obtained with reactive and direct, metal complex dyes.  4. It is employed in dyeing processes to improve subultity and dispersion of dyestiffs. They will prevent aggregate formation which cause un-levelness. Sis non-foruming with no affinity to anionic dyes.  5. Is non-foruming with no affinity to anionic dyes.  6. It has ability to disperse & prevent agglomeration of dyestuffs during the dyeing operation.  7. It increases solubility of precipitating salts by threshold effect i.e. adsorption on small seeds of precipitaties & prevents their growth and agglomeration. This reduces precipitation & scale formation of inorganic salts adsorption on small seeds of precipitation & scale formation of inorganic salts adsorption of scale actions of the scale of the scale of the scale of the scale of precipitation & scale formation of inorganic salts adsorption of precipitation and scale formation of inorganic salts adsorption of precipitation and scale formation of inorganic salts and scale of precipitation and scale formation of inorganic salts and scale of precipitation and scale formation of inorganic salts and scale of precipitation and scale formation of inorganic salts and scale of precipitation and scale formation of inorganic salts and scale of precipitation and scale formation of inorganic salts and scale of precipitation and scale formation of inorganic salts and scale of precipitation and scale formation of inorganic salts an	Sugar acrylate polymer	Anionic
348	345	ALTRAPLEX-HPST	Altraple-HPST is an organic stabilizer for alkaline hydrogen percode bleaching along with sequestering/chelating properties is a stabilizer for use in percode cold, pol-steam bleaching without silicate as well as the alkaline discontinuous long-liquor peroxide bleaching process.	1. Saitable for cellulocic fibers and their blends with synthetic fibers. 2. Suitable for all processes. 3. Primarily for cold pad-batch peroade extraction bleaching. 4. Extremely suitable for silicate free pad-steam bleaching. 5. Extremely high row bonding power. 6. EDTA free. 7. Good sequestering properties.	Blend of organic sequestering agents	Anionic
340	346	ALTRAPLEX-HTS	Altraplex-HTS is an efficient sequestering agent for calcium, magnesium and heavy metal which retains its effective performance a high emperatures and also in the presence of high concentrations of electrolyte and abali	1. Eliminates calcium and magnesium powdery precipitates or lime-soap deposits on the textile goods and prevents build-up of insoluble scale on deposits on the textile goods and prevents build-up of insoluble scale on a contract of the co	Polycarboxylic acid	Anionic
349	347	ALTRAPLEX-LA	Attraples-Lå is a liquid alkali for fiber reactive dyving, i.e. sock ask replacement during reactive dyving, i.e. and seastly diluted with water in all proportions. It offers easie of handling and economy over solid products such as trioddism phosphate or sock ash.	1. Convenience—liquid vs. oxlid. 2. Bedneed elyential Hydroloyis. 3. Clenner, brighter shades. 4. Dissolves in cold water. No CV logged drains. The problem of dissolving and cooling the solution of solid products is also eliminated. 5. Essier to rinse. Improved color yeld. 6. Bag disposal is eliminated as is the problem of torn bags, loss of material and dusting. 7. Less load on effluent & less Total dissolved solids	Buffered alkalis	Nonionic
350	348	ALTRAPLEX-LTS	Altraples-LTS is a multifunctional soaping agent which works at temperature from 60 - 98°C. It gives Optimal soaping result, independent of hardness degree and salt content.	Sopping at 60 – 70°C.     Optimal souping result, independent of hardness degree and salt content.     A dring of water and energy effectiveness by shorter processing time.     Soptimization potential depends on applied reactive system.     Soptimization potential depends on applied reactive system.	Vinyl Co-Polymer	Anionic
351	349	ALTRAPLEX-NV	Altraplex-NV is a pH buffer for neutralizing alkaline finishing processes. Core alkali neutralizer	1. Is used for neutralizing of finishing processes.     2. Guarantees for a neutral to weakly acid plf value on the fabric.     3. The application of Adraplees-We for neutralization compensates for a pH     4. The plf value of finishing the process of the	Mixture of organic/inorganic buffers	Non-ionic
352	350	ALTRAPLEX-PH	Prior treatment with Altraplee-PH prevents damages occurring during sodium hypochiente bleach (problem: AOX values) prior to the peroade bleach through an environment friendly and non took protonic treatment.	It prohibits catalytical damage to cellulosic fibers or destabilization of perroade bleaching liquors by comizing metaling particles.     Zemplaces organic acted formic acted or accetic acid) for neutralization of 2. Replaces organic acids formic acid or accetic acid) for neutralization of 3. Not completely volatile during drying, thus preventing core – alkali migration.  4. Demineralizes cotton, remove difficult to eliminate pigments.     Schibit pit specific function. In alkaline region Altraples-PH liquor function as a buffer or sequestering or peroxide stabilizing agent.	Based on organic acids	Anionic
254	351	ALTRAPLEX-R	Altragles: Rimproves vat and sulfur dye oxidation. It oxidizes dyestinffs in an acid bath at high imperatures for more effective dye finction, without the necessity of elaborate controls. It can replace any present vat and sulfur dye oxidation system on continuous ranges.	In Improved Dye Value—It results in complete and efficient oxidation and may provide an increase of shade depth.  2. Quality: dyesf fabric has an improved absorbency and hand when compared with fabric has an improved absorbency and hand when compared with fabric that were dyest using chirmonate for oxidation.  3. Versatility: -can replace any present vat or sulfur dye oxidant on the control of	Special oxidizing agent & surfactants	Nomionic
355	352	ALTRAPLEX-RS	Altraplex RS is a stable inorganic mild oxidizing agent for disperse dye high temperature steaming.	I. It is recommended for use in all print pastes which may be alkaline, containing dyes sensitive to reduction action.     2. It can be used for protection of printed reactive colors against reduction furmes during steaming, thus improving the colour depth / brightness	Special oxidizing agent & surfactants	Nonionic
356	353	ALTRAPLEX-SAP	Altraplex-SAP is an efficient dispersant (protective colloid) and chelating agent for all stages in dyeing of textiles made form cellulosics and blends.	1. It exhibits excellent dispersing effect on raw cotton impurities (Wases & Pectitates) and on the precipitates caused due to hard water.  2. It also has moderate chelsting effect on metal ions. Consequently Altraples- StP eliminates the adverse effect of Calcium and Maya-ion on the solubility  3. Has limited chelating potential insufficient to remove metal ions from metal complex dyes hence it does not impair the shade & Stateses properties of dyeing obtained with reactive and direct, metal complex dyes.  4. Is non-foaming with no affinity to anionic dyes.	copolymer	Anionic
357	354	ALTRAPLEX-SBA	Altraplex-SBA is an effective multifunctional bleaching auxiliary & can effectively replace most of auxiliaries used in the conventional peroxide bleaching process. It is suitable for cotton and its blends. It can be used in various processes, such as vat dyeing jet overflow dyeing pad dyeing etc.	1. Very simple operating process for scouring and bleaching treatment. 2. It ensures a highly stable hydrogen peroxide reaction without adding other stabilizer. 3. Non caustic soda process can protect the fabric strength in the best condition. 4. Excellent capillary effect and wetting performance. 5. It imparts well degreasing performance. 6. Excellent solubility and single agent for scouring process can get the most ownth of the analysis of the solution of	Polysurfactant mixture	Nonionic to weakly anionic
358	355	ALTRAPLEX-WAK	Altraples-WAK Is a wetting agent, detergent for bleach bath additives for batch wise perterentment and continuous immersion processes. APEO free. For scouring of wood	LEGO desuyme compathility:  2. Good wetting properties, desergent, cleansing effect.  3. High stability to oxidation and reduction bleaches.  4. Very good stability to alkall and acid, Good stability in hard water.  5. Reduced storage owing to multiple uses.  6. Good emulsifying properties for kintting and wearving lubricants, oils and waxes.  7. Good soil-suspending and anti-redeposition properties.  6. High stability of product and application liquors. No risk of precipitation in 9. Alkaline keir bolling of cellulosic fibers and their blends.  10 Enzymatic desizing.	Based on ethoxylates	Non-ionic

1	A	B ALTOADLEY VOW	C About your and the second of	D I Deleverable of State and I in the State and I i	E Visual ex males	F
359	356	ALTRAPLEX-XCW  ALTRAPLEX-ZIP	Altraplex-XCW is a universal after soaping agent for the removal of reactive dye hydrolysate or unfixed direct dye from dyeing's on cellulosic material likely or the soaping of the soaping of the soaping and the soaping of the so	1. Reduces the number of rinsing and soaping steps required. 2. Removes the phydrolysate from the material. 3. Retains hydrolysate in the liquor and prevents their re-deposition on the material. 4. The action is virtually independent of pH, independent of salt concentration. 5. Enables the possibility of reducing after soaping temperatures for temperature sensitive substrate blends. 6. Performance not effected by water hardness. 6. Performance not effected by water hardness.	Vinyl co-polymer	Weakly anionic
360	337		Autrapiec Zir S a Corrosion immutor and passive immotor for water systems.	1 Generally used as passive and corrosive inhibitor of metal structures when water systems are used.  2 Dyeing of ready-made garments with metal buttons and/or zips, protects accessories - seperally the copper ones - from the chemical attack caused by the operative conditions, preventing stain formation due to metal accessories.  3 Does not alree dyes features, in any case preventive tests are recommended.	Corrosion inhibiting agent, phosphoric acid derivative	Anone
361	358	ALTRASPERSE-OLE	Altrasperse-OLE is a dispersing agent for prevention of oligomer deposits. It is used at various stages in polyester production and processing for the removal of oligomer deposits.	1. It has an excellent dispersing effect on oligomers in acidic polyester dye baths. 2. Prevents filtration of oligomers in yarn packages. 3. Prevents oligomer deposits on machine parts. 4. Improves running properties of yarn for further processing steps. 5. No influence in shade.	Synthetic (modified) phyllosilicate	Anionic
362	359	ALTRASPERSE-OLG	Altrasperse-OLG is a dispersing agent for prevention of oligomer deposits. It is used at various stages in polyester production and processing for the removal of oligomer deposits.	I. It has an excellent dispersing effect on oligomers in acidic polyester dye baths.     2. Prevents filtration of oligomers in yarn packages.     3. Prevents oligomer deposits on machine parts.     4. Improves running properties of yarn for further processing steps.     5. No influence in shade.	Blend of specialty surfactants	Anionic
262	360	ANTICHOR-9455	Antichor-9455 is used as a protection against stains caused by metal parts when dyeing garments	Addition of it into the dyeing bath the risk of soiling by the metal parts (like metal buttons, zip fastners and rivets) or shade changes can be almost eliminated.     It prevents contaminations of the metal surface (many common types of alloys) when dyeing or re-dyeing garments.	Alkanol ester	Slightly anionic
363	361	ANTIFOAM-CRP	Antifam CIP is a fam preventative agent for aqueous and non-oqueous industrial processes. If give scredeline preformance in a wide range of applications including extreme pH systems.	1. Long, term foam inhibition. 2. Easy dispersion in alf foam systems. 3. Easy dispersion in alf and systems. 3. Easy dispersion in hard water. 4. Long durability in acid and slabaline conditions. 5. No oily spots or lumps when diluted with water. 6. Economical. 7. Easy to use. 8. Effective in extreme pH environments. Caustic recovery plants	Polydimethyl siloxane	Non-ionic
365	362	ANTIFOAM-ECO	Antifoam-ECO is a silicone antifoam of medium viscosity, highly potent antifoam emulsion that offers excellent foam control as well as excellent compatibility in a variety of sarticated concentrate and foaming systems (compared to common silicone defoamers, to offers exceptional foam inacklown and durability, and greater compatibility in difficult surfactant systems, e.g., such as those rich in solvents analyor electrolytes.	2. Rapid foam knockdown.  5. Excellent foam control at temperatures up to 95°C.  4. Long-term foam inhibition.  5. Easy dispersion in all foam systems.  6. Easy dispersion in all foam systems.  6. Easy dispersion in hard water.  8. Easy dispersion in hard water.  8. Knoelly spots on lumps when dilated with water.  9. Compatibility with a variety of surfactant concentrates.	Polydimethyl siloxane	Non-ionic
366	363	ANTIFOAM-JET	Antifam-HT is a silicone antifoam of medium viscosity, highly potent antifoam emulsion that offies excellent from control as well as excellent compatibility in a variety of surfactant concentrates and foaming systems. Compared to common silicone defoamers; forfers exceptional foam knockdown and durability, and greater compatibility in difficult surfactant systems, e.g., such as those rich in solvents and/or electrolytes.	1. High antifoam efficiency in surfactant-rich systems. 2. Rapid foam koncidown. 3. Excellent foam control at temperatures up to 95°C. 4. Long-term foam inhibition. 5. Easy dispersion in all foam systems. 6. Easy dispersion in hard water. 7. Long durability in acid and alkaline conditions. 8. No oily systes to lumps when diluted with water. 9. Compatibility with a variety of surfactant concentrates	Polydimethyl siloxane	Non-ionic
367	364	ANTIFOAM-TDA	Antifican-Thi is a silicone sutifican of medium viscosity, highly potent antifican emulsion that offer excellent finan control as well as excellent compatibility in a variety of surfactant concentrates and fearning systems. Compared to common silicone deficances; furfer exceptional fearn knockdown and durnbility, and greater compatibility in difficult surfactant systems, e.g., such as those rich in solvents and/or electrolytes. It such in textle processes, string scouring, printing and finishing it is used as a de-aerator cum antificam in extreme conditions such as high temperature, alkali & electrolytes and a wide range of pit.	1. High autifoum efficiency in surfactant-rich systems. 2. Rapid foum hoockdown. 3. Excellent foum control at temperatures up to 95°C. 4. Long-term faum inhibition. 5. Easy dispersion in all foum systems. 6. Easy dispersion in hard water. 7. Long durability in acid and ablaline conditions. 8. No oily spots or lumps when diluted with water. 9. Compatibility with a variety of surfactant concentrates.	Polydimethyl siloxane	Non-ionic
368	365	AQUAFLEX-PPB	Aquather-PPB is an Acrylate based pigment printing binder for direct, discharge & resist printing it is a free flowing self-cossilinating Acrylic Co-polymer emulsion with excellent thermal & mechanical stability	1. Production of prints with brilliant prints & excellent standard of fastness including dry decianing. 2. Soft & pleasing handle. God rubbing fastness results. 3. Resistant to wear & abrasion resulting in longer life of fabric. 4. Exhibits non-choking & good re-emulsification properties. 5. Good fabric honding. 6. Excellent bonding agents for pigment resulting in permanent wash & rub fastness.	Aqueous dispersion of a thermally crosslinkable acrylate copolymer	Anionic
369	366	CATALYST-CLT	Galays C.Tris a cross-linking agent for resists in augenoss medium. It improves the washing & dry-cleaning durabilly of cured films. It is formalin free and improves elastic recovery & shrink resistance.	I.I. is used to reduce fixation temperature of reinis and water based polymers.  2. It is a crosslinking agent designed to improve the physical characteristics polyacyricis, polyurethane, polyvinyi, ISBI natices,  3. It allows reduction in curing time and temperatures. Lower curing conditions ensures faster production, swing energy costs.  5. The addition of Catalyst-CLT increases the possibility of Laundry Air Dy processes and the fabric protection is retained at a good level without subsequent froning / heat treatment.  8. Brings durable film on the filter surface without influencing the breathing properties.  9. Formaldelyde free. Environmentally friendly	Aqueous dispersion of a polyurethane based compound	Non-ionic
770	367	DEFOAM-100	Defaum-100 is a 100% active liquid non-silicone based defoamer primarily for use in textile dyeing. It can be used in jets & other dyeing operations, printing, sizing, scouring & coating where foam control is important. Being silicone-free, it will not cause objectionable silicone residual buildup on equipment. Test indicate that this defoamer has no adverse effect on fabric flammability	1. Effective in many wet processing operations including jet dyeing. 2. Non-silicone based, No silicone flammability. 3. Superior bath stability no silicone spots. 4. Effective dyebath stability in hard water. 5. Helps keep equipment clean. 6. Eliminate foam build up on cool-down during jet dyeing.	Mineral oil fatty acid derivative	
370	368	DEFOAM-337	Defour-37 its 100% active liquid non-utilizen based defounce primarily for use in textile deping. It can be used in jets & Other dyring operations, primarily sizing, scouring & coating where foam control is important. Being silicone-free, it will not cause objectionable silicone reidual buildup on equipment. Tests indicate that this defoamer has no adverse effect on fabric flammability.	Effective in many wet processing operations including jet dyeing.     Non-silicone based, No silicone flammability.     Superior bath stability - no silicone poses.     Effective dyebath stability in hard water.     S. Heips keep equipment lead.     Eliminate foam build up on cool-down during jet dyeing.	Mineral oil fatty acid derivative	Nonionic
372	369	DEFOAM-ISA	Defoam-JSA is a 100% active, specially formulated antifoam composition. This product has been developed to impart low-foaming characteristics to clear, high actives, sour surfactant concentrate formulations.	High efficiency foam control agent for jet scour applications.     Forms clear, stable concentrates if water concentration is less than 15%.     Forms clear, stable concentrates that contains the stable concentration is less than 15% of the stable concentration of the stable s	Activated silicone antifoam	Nonionic
	370	DEFOAM-PWB	Silicone based foam control agent for chemical pulp production & textile applications	High antifoam efficiency in surfactant-rich systems.     Rapid foam knockdown.     Foam control gaset specifically developed to control foam and aid drainage in chemical pulp production.     His particularly effective in alkalian pulp mill brown stock washing screening and bleaching processes.	Polydimethyl siloxane	Non-ionic
373	371	Defoam-T8P	Defoam-TBP is a very strong, polar solvent which can be used in the production of plastics, hydraulic fluids, extraction agents and antifoam agent.	1. It is a very strong, aprotic, polar solvent. As such, It is used in the production of solutions of synthetic resins and natural rubber. In both collulose based plastic and synthetic resins, it is used as a flame-retarding plasticizer.  2. It is employed as a pasting agent for pigment pastes.  3. It is used as an anti-foaming agent in detergent solutions, and in various emulsions, paints, and adhesives.  4. As a very strong wetting agent. It is used in the textile industry and in the field of adhesives.	Phosphoric acid tri-n-butyl ester	Nonionic

Company of the comp							
The second control of the control of		A 372	EXTRACT-ZT	Extract-ZT is a corrosion inhibitor and passive inhibitor for water systems	when water systems are used.  2. Dyeing of ready-made garments with metal buttons and/or zips, protects accessories, especially the copper ones from the chemical attack caused by the operative conditions, preventing stain formation due to metal accessories.		Non-ionic F
And an appropriate programment of the control of th	375	373	NEUTROX-BA	garments to help restore original color and/or prevent changes in HUE & Tone	function by forming a complex with OBA thereby preventing reemission in visible spectrum.  2. Rapid quenching of fluorescence in machine, stock preparation equipment & pipe systems considerably shorters the change-over times.  3. Resulting increase in production results in cost benefits which are far greater than the cost of product.  4. Helps correct fabric/sgarments with localized OBA patches or stains.	Carboxylic polymer	Cationic
And The Company of th	377	374	NEUTROX-CT	conditions.White and brightly colored fabrics often produce yellowing due to the absorption of butylated hydroxytoluene-based antioxidants. Phenolic	Reproducible, compatible with anionic brighteners.     Can be bathed with brighteners, does not affect fastness performance.     Exhaust processing for moderate speed operation of fabrics     These antioxidants are widely found in packaging materials (such as packaging		Anionic
Control of the Cont	378	375	NOBAC-ABS	anti-redeposition, dispersing and suspending additive in standard garment wash	2. It is enzyme compatible and used as a back stain preventing agent for		Weakly anionic
Part	379	376	NOBAC-BS-LIQ		particles from denim garments.  2. It allows encapsulate the suspended dye and size particles and also ensures		Non-ionic
Comment of the comm	380	377	PEROSTAB-3044	Perostab-3044 is an organic stabilizer for alkaline hydrogen peroxide bleaching	2 Suitable for all processes - It is suitable for discontinuous and continuous bleaching processes and immersion bleaching processes and immersion bleaching processes 3. Primarily for cold pad-batch peroxide extraction bleaching.  4. Extremely suitable for silicate free pad-steam bleaching.  5. Extremely high iron bonding poors.	hydroxy compounds and	Anionic
and an according of experience of accordance of expendity for a rise. In the accordance of the accorda	381			silicate as well as the alkaline discontinuous long-liquor peroxide bleaching process. It is used in bleaching of cellulosic fibers and their blends with peroxide by the cold pad-batch, pad-steam routine without silicate as well as the	2.Dispersing, crystallization-inhibiting, threshold effect. 3. Does not contain silicate. 4. Best use is made of the bloching agent which results in high degree of whiteness combined with a high DP value of the cellulosic fiber (high protection of the fiber). 5. Forms complexes with heavy metal ions (e.g. Fe+3) thus preventing caulying changes to the center fiber. 6. No danger of Cavillicate fibers. 6. No danger of Cavillicate deposits and incrustations.	preparation of oligomeric ester condensates containing	Anionic
and the best process.  And the service of the servi	382	379	PRODUCT-1202	natural minerals, sequesterant & surfactants, especially for use in the	Excellent stabilizer for hydrogen peroxide. Achieves excellent levels of whiteness.     Good cleansing effect of cotton through special washing mechanism.     Inherent lubrication properties, ensure good running of fabric during bleach process.	Based on natural minerals	Anionic
Properties   Company   C	3,55	380	PRODUCT-DB	Low temperature bleaching agent for cellulosics & its blend. Can also be used in old batch process.	corresponding reduction in the load on wastewater and in the operational load on a limited number of experienced workers in particular are of great advantage.  2. In addition, it gives fabric a soft hand without causing damage, and having no machinery corrosion or problems in the operational environment It imparts good water absorberocy, resulting from superior, uniform bleaching and scouring, which paramete level deping in the following stage.	anionic surfactants with oxidative	Anionic
security ally II. It has high-water simblings, stable over wide pil range and pouses high-degree of locareas to hard water.	383	381	PROSURF-BG	range of applications in the Personal Care market. It is a C8-10 fatty alcohol glycoside. It possesses excellent solubility, stability, surface and interfacial	Soluble in highly alkaline solutions.     Produces a moderate to high stable foam.     Good detergency and wetting properties.	C8-10 alkyl glucoside	Non-ionic
Industry   2.1 Food Service Cassal Active Hygiene.   2.1 Food Service Cassal Active Hygiene.   2.1 Food Service Cassal Active Hygiene.   2.2 Food Service		382	PROSURF-CB	neutral pH. It has high water solubility, is stable over wide pH range and possess	cationic surfactants (slos useful as primary surfactant).  2. It is a good cleanser & foam booster, viscosity enhancer, excellent conditioning & antistatic agent, moderate emulsifier.  3. It is used as a foam booster in shampoos.  4. It is a medium strength surfactant also used in bath products like hand soaps.  5. Building up of very high viscosities is quite possible when Prosurf-CB is	Cocamidopropyl Betaine	Amphoteric
chemical and allied industries    Care from fairly stiff gold as certain concentrations when swater is added.	385	383	PROSURF-LT-7	Prosurf-LT7 is a non-ionic surfactant for use as a detergent and in cleaning industry	2.Hard Surface Cleaning.     3. Food Service and Kitchen Hygiene.     4. Commercial Laundry.		Non-ionic
based on C10-Garbert alcohol and ethylene oxide in stoichiometric proportions. It has excellent wetting properties.    386   PROSURF-XL-50   Prosurf-XL-50 is a non-ionic surfactant. It is alkyl polyethylene glycol ether based on C10-Garbert alcohol and ethylene oxide in stoichiometric proportions. It has excellent wetting properties, and can be degraded absolutely. But has oxiderit wetting properties, and can be degraded absolutely. But has oxiderit wetting properties, and can be degraded absolutely. But has oxiderit wetting properties, and can be degraded absolutely. But has oxiderit wetting properties, and can be degraded absolutely. But has oxiderit wetting properties, and can be degraded absolutely. But has oxiderit wetting properties, and can be degraded absolutely. But has oxiderit wetting properties, and can be degraded absolutely. But has oxiderit wetting properties, and can be degraded absolutely. But has excellent wetting properties, and can be degraded absolutely. But has excellent wetting properties, and can be degraded absolutely. But has excellent wetting properties, and can be degraded absolutely. But has excellent wetting properties, and can be degraded absolutely. But has excellent wetting properties, and can be degraded absolutely. But has excellent wetting properties, and can be degraded absolutely. But has excellent wetting properties, and can be degraded absolutely. But has excellent wetting properties, and can be degraded absolutely. But has excellent wetting properties, and can be degraded absolutely. But has excellent wetting properties, and can be degraded absolutely. But has excellent wetting properties, and can be degraded absolutely. But has excellent wetting properties, and can be degraded absolutely. But has excellent wetting properties, and can be degraded absolutely. But has excellent wetting properties, and can be degraded absolutely. But has excellent wetting properties, and can be degraded absolutely. But has excellent wetting properties, and can be degraded absolutely. But ha	386	384	PROSURF-TO-89		2.1c an form fairly stiff gels at certain concentrations when water is added. 3. The rates at which the Prosurt FT-0-90 stolwers can be increased by adding alcohols, glycols and other solubilizes. 4.1 finds its use in the following: - Laundry detergents Cleaners, Household cleaners Neutral & Actid cleaners Reutral metal cleaners Emulsification Dispersing & Wetting.		Non-ionic
based on C10-Guerbet alcohol and ethylene code in stoichlomerity proportions. It has excellent wetting properties.  PROSURF-XL-60  PROSURF-XL-60  PROSURF-XL-70  PROSURF-XL	200	385	PROSURF-XL-140	based on C10-Guerbet alcohol and ethylene oxide. Manufactured by causing the C10-alkohol to react with ethylene oxide in stoichiometric proportions. It has	2. It can be combined with anionic, cationic and nonionic surfactants and		Non-ionic
based on C10-Guerbet alcohol and ethylene codde. Manufactured by causing the C10-alcohol to rear with eliphene codde in Stockhomertic proportions. It has excellent wetting properties.  Prosurf XL-70 is a non-innic surfactant. It is allyl polyethylene glycol ether based on C10-Guerbet alcohol and ethylene codde in stockhomertic proportions. It has excellent wetting properties.  PROSURF XL-70  PROSURF XL-70  PROSURF XL-80  P	300	386	PROSURF-XL-50	based on C10-Guerbet alcohol and ethylene oxide. Manufactured by causing the C10-alcohol to react with ethylene oxide in stoichiometric proportions. It has	2. It can be combined with anionic, cationic and nonionic surfactants and		Non-ionic
based on CIO-Guerbet alcohol and ethylene oxide. Manufactured by causing the CID-alcohol to react with ethylene oxide in stoichiometric proportions. It has excellent wetting properties.  389 PROSURF-XI-80 Prosurf-XI-80 is a non-ionic surfactant. It is alkyl polyetylene glyco and ethylene oxide in stoichiometric proportions. It has excellent wetting properties.  CID-alcohol to react with ethylene oxide in stoichiometric proportions. It has excellent wetting properties.  Alkyl polyetylene glycol ether CID-alcohol to react with ethylene oxide in stoichiometric proportions. It has excellent wetting properties.  Alkyl polyetylene glycol ether common control or control	390			based on CIP-Guerbet alcohold and ethylene oxide. Manufactured by causing the CID-alcohol to react with ethylene oxide in stolichment; proportions. It has excellent wetting properties. ProsurFAL-60 is a non-ionic surfactant. It is allyl polyethylene glycol ether based on CIP-Guerbet alcohol and ethylene oxide. Manufactured by causing the CIP-alcohol to react with ethylene oxide in stockhometric proportions. It has excellent wetting properties.	<ol> <li>It can be combined with anionic, cationic and nonionic surfactants and auxiliaries.</li> </ol>	ether	
based on C10-Guerbet alcohol and ethylene oxide. Manufactured by causing the C10-alcohol to react with ethylene oxide in stoichlometric proportions. It has excellent wetting proportion wetting proporties. It is excellent wetting proporties. It is excellent wetting proporties. It is excellent wetting proporties.	391			based on C10-Guerbet alcohol and ethylene oxide. Manufactured by causing the C10-alcohol to react with ethylene oxide in stoichiometric proportions. It has excellent wetting properties.	It can be combined with anionic, cationic and nonionic surfactants and auxiliaries.	ether	
	392	389	PROSURF-XL-80	based on C10-Guerbet alcohol and ethylene oxide. Manufactured by causing the C10-alcohol to react with ethylene oxide in stoichiometric proportions. It has	It can be combined with anionic, cationic and non-ionic surfactants and auxiliaries.     It is very effective emulsifiers.		Non-ionic

_	A	R	r	D D	F	F
393	390	PROSURF-XL-90	Prosurf-XL-90 is a non-ionic surfactant. It is alkyl polyethylene glycol ether based on CID-Guerbet alcohol and ethylene coade. Manufactured by causing the CID-alcohol to rear with ethylene coade in stoichiometric proportions. It has excellent wetting properties.	D  1. It has excellent wetting properties. 2. It can be combined with anionic, catonic and non-ionic surfactants and auxiliaries. 3. It can be used to formulate acidic, alkaline, and neutral cleaners that satisfy the most varied requirements. 4. It is very effective emulsifiers. 5. It readily biological adule	E Alkyl polyethylene glycol ether	F Non-ionic
394	391	PROSURF-XP-50	Prosurf XP-50 is a non-ionic surfactant. It is alkyl polyethylene glycol ether based on C10-Guerbet alcohol and ethylene oxide. Manufactured by causing the C10-alcohol to react with ethylene oxide in stoichiometric proportions. It has excellent wetting properties.	I. It has excellent wetting properties, and can be degraded absolutely.     2. It can be combined with anionic, cationic and nonionic surfactants and auxiliaries	Alkyl polyethylene glycol ether	Non-ionic
334	392	PROSURF-XP-60	Prosurf-XP-60 is a non-ionic surfactant. It is alkyl polyethylene glycol ether based on C10-Guerbet alcohol and ethylene oxide. Manufactured by causing the C10-alcohol to react with ethylene oxide in stoichiometric proportions. It has excellent wetting properties.	I. It has excellent wetting properties, and can be degraded absolutely.     It can be combined with anionic, cationic and nonionic surfactants and auxiliaries	Alkyl polyethylene glycol ether	Non-ionic
396	393	PROSURF-XP-70	Prosurf-XP-70 is a non-ionic surfactant. It is alkyl polyethylene glycol ether based on C10-Guerbet alcohol and ethylene oxide. Manufactured by causing the C10-alcohol to react with ethylene oxide in stoichiometric proportions. It has excellent wetting properties.	I. It has excellent wetting properties, and can be degraded absolutely.     It can be combined with anionic, cationic and nonionic surfactants and auxiliaries.	Alkyl polyethylene glycol ether	Non-ionic
	394	PROSURF-XP-80	Prosurt XI-90 is a non-ionic surfactant. It is alkyl polyethylene glycol ether based on C10-Guerbet alcohol and ethylene oxide. Manufactured by causing the C10-alcohol to react with ethylene oxide in stoichiometric proportions. It has excellent wetting properties.	I. It has excellent wetting properties.     2. It can be combined with anionic, cationic and non-ionic surfactants and auxiliaries.     3. It is very effective emulsifiers.     4. It is readily biodegradable.	Alkyl polyethylene glycol ether	Non-ionic
397	395	PROSURF-XP-90	Prosurt-XP-90 is a non-ionic surfactant. It is allyl polyethylene glycol ether based on CIP-Guerhet alcohol and ethylene oxide. Manufactured by causing the CIO alcohol to react with ethylene oxide in stoichiometric proportions. It has excellent wetting properties.	1. It has excellent wetting properties.     2. It can be combined with anionic, cationic and non-ionic surfactants and auxiliaries.     3. It can be used to formulate acidic, alkaline, and neutral cleaners that satisfy the most varied requirements.     4. It is very effective emulsifiers.     5. It is readily biologradable	Alkyl polyethylene glycol ether	Non-ionic
398	396	QUENCH-PN	Quench-PN is used for rapid removal of potassium permanganate & hypochlorite residues from processed garments. Potassium permanganate residue removal	La Bilminates coloration produced by manganese dioxide. Potassium permanganate residue removad or PP neutralizer. 2 Eleaching process when washing and neutralizing is carried out, it eliminates chlorine rests, it also eliminates eventual resistance loss 8 yellow produced by chlorine remains.  3. Product exempt of odor, which could be usual in other anti-chlorine products.  4. Applicable after Ultrafresh MG and other based on permanganate.  5. Complete removal of yellow tunt from denim after PP treatment & leaving demin look bluer in compare to traditional neutralizer, metablisulfite.	Blend of inorganic salt	Non-ionic
199	397	QUENCH-PN/Conc	Quench-PN-Cone is used for rapid removal of potassium permanganate & hypochlorite residues from processed garments	1. Eliminates coloration produced by manganese dioxide. Potassium permanganate residue removal or PP neutralizer. 2. Eliechting process when wousting and neutralizing is carried out, it eliminates chlorine rests, it also eliminates eventual resistance loss 8 yellow produced by chlorine remains. 3. Product exempt of odor, which could be usual in other anti-chlorine products. 4. Applicable after Ultrafresh Mc and other based on permanganate. 5. Complete removal of yellow that from denim after PP treatment 8, leaving denim look bluer in compare to traditional neutralizer, metablishing.	Blend of inorganic salt	Non-ionic
00	398	RAP-GPX-NEW	RAP-GPX-NEW is a highly concentrated spotting agent for all fibers to remove lubricants, oils as well as spots caused by machine lubricating oils.	Emulsifies and dissolves difficult to remove oil spots.     Is free of solvent and of low odor.     No danger of halo formation.     A.PEO free.     Grettive, degressing, wetting, stain removal & detergency action giving a very clean fiber/fabric.	Blend of specialty surfactants	Non-ionic
01	399	ULTRA-84	Ultra-84 has an excellent wetting power. Over the wide pH and temperature range. Exhibits outstanding detergent effect. Have very good emulaifying properties. Have good stability to alkalis and actids, hence an ideal scouring and milling agent for wool.	1. Very good wetting and detergent action. 2. Excellent dispersing and emulasiying properties. 3. Stable to alkeline and actic luptors. 4. Stable to metal sults and hard water. 5. Smooth and trouble free running of the goods. 5. Smooth and trouble free running of the goods. 7. Has very good wetting and detergency action with extremely hard water.	Ethoxylate & blend	Non-ionic
02	400	ALLENOL-ADKI	Levelling agent for direct, vat and sulphur dyestuffs	Allenol-ADKI helps to achieve level dyeing on cotton by equalizing the rate of dyeing and minimizing the affinity differences. It improves dyestuff	Amphoteric alkoxylate	Nonionic
03	401	ALQUAT-4035	Alquat-4035 is a specially developed cationic, water soluble polymer intended for use in the cationising of cotton goods prior to dyeing process.	enentration also.  1. Cationizer for pigment dyeing by exhaust process. Garment dyeing i.e. pigment dyeing for brighter colour  2. It is also used as an after finishing agent to improve wash and crock fastness of reactive and direct dyed fabrics. It increases the amount of dye uptake that can be exhausted onto cellulosic fabric with direct, pigment, fibre	Polycation	Cationic
04	402	ALQUAT-5851	Alquat-5851 is a specially developed cationic, water soluble polymer intended for use in the cationising of cotton goods prior to pigment dyeing process.	reactive, sulphur dyes, vat and indigo.  1. Cationizer for pigment dyeing by exhaust process. Garment dyeing iz- pigment dyeing for brighter colour  both alkaline & acidic pit condition  2. It is also used as an after finishing agent to improve wash and crock fastness of reactive and direct dyed fairse. It increases the amount of dye uptake that can be exhausted onto cellulosic fabric with direct, pigment, fibre reactive, sublom deve, ust and indices.	Polycation	Weakly Cationic
	403	ALQUAT-CF	Alquat-CF is a specially developed cationic, water soluble polymer intended for use in the cationising of cotton goods prior to dyeing process.	1. Cationizer for pigment dyeing by exhaust process. Garment dyeing i.e. pigment dyeing for brighter colour pigment dyeing for brighter colour pigment dyeing for brighter colour pigment dyeing calculation in both alkaline & acidic pH condition 2. It is also used as an after finishing agent to improve wash and crock fastness of reactive and direct dyed fabrics. It increases the amount of dye uptake that can be exhausted not cellulosic fabric with direct, pigment, fibre	Polyetheramine	Cationic
07	404	ALQUAT-CLA	Alquat-CLA is a unique catalyst & desorbing agent designed to greatly accelerate action of chlorine bleach on indigo (authraquimone & indigo) Sulfur, 220 and direct color dyes on native fibers. Bleach bath accelerator	reactive, sulobur dives, vat and indigo.  1. Ensures over 50% reduction in chlorine bleach concentration.  2. Substantial reduction in bleach cycle time allowing for improved productivity.  3. Bleaching process at lower temperatures allowing savings in fuel costs & energy costs.  4. Vastly reduced effluent quantities.  5. Is EOD friendly and environmentally safe.  6. It becomes synergistically when used in chlorine bleach processes, enabling substantial reductions in chlorine bleach concentrations bleach cycle time and/or process temperatures to achieve a given shade.	Salified ammonium derivative	Cationic
08	405	ALQUAT-DF-ECO	Alquat-DF-ECO is a concentrated economical non-formaldehyde based dye fixing agent for cellulosic fabrics. It improves the wet fastness and wash fastness properties of direct and reactive dyeing on cellulosic fibres.	Little change of shade.     Little effect on light fastness.     Also significant effect on handle.     4.6ood compatibility with softening and finishing liquors.     5. Formaldehyde free.     6. Very good resistance to salts causing hardness of water.	Polyquaternary ammonium compound (formaldehyde- free)	Cationic
no	406	ALQUAT-HR	Alquat-HR is a specially developed cationic, water soluble polymer intended for use in the cationising of cotton goods prior to dyeing process.	1. Cationizer for pigment dyeing by exhaust process. Garment dyeing i.e. pigment dyeing for brighter colour 2. It is also used as an after finishing agent to improve wash and crock fastness of reactive and direct dyed fabrics. It increases the amount of dye uptake that can be exhausted onto cellulosic fabric with direct, pigment, fibre	Polyamine resin and inorganic salts	Cationic
33	407	ALQUAT-PBA	Alquat-PBA is a bleaching activator agent of indigo dyed jeans especially for permanganate processes. PP activator	reactive, sulohur diver, vat and Indigo.  1. Provides active tool in permanganate bleaching on jeans material.  2. Provides good contrast, brighter and clean look after neutralization.  3. The desirred shades can be controlled easily by treatment pH range and temperatures.  4. It is an inorganic, acidic, biodegradable liquid.	Aqueous preparation of inorganic phosphorus compounds	Nonionic
110	408	ALQUAT-RD	Alquar-RD is a non-formaldehyde based dye fixing agent for cellulosis fabrics. It improves the wet fastness and wash fastness properties of direct and reactive dyeing on cellulosis fibers. To improve the wet fastness and wash fastness properties of direct and discharge prints with direct and reactive dyestuffs. It also improves fastness to perspiration fastness.	Little change of shade.     Little effect on light fastness.     No significant effect on handle.     4. Good compatibility with softening and finishing liquors.     5. Formdid-hyde free.     6. Very good resistance to salts causing hardness of water.	Polyquaternary ammonium compound	Cationic

_				-		
	A 409	ALTRANOL-XC	Altranol-XC is a dye transfer inhibitor for laundry detergents.	D. Diper transfer inhibitor for laundry detergents. It is a special modified polymer that prevents bleeding dyes from staining other garments. It thereby contributes significantly to the development of high-performance color detergents.  2. R offers an excellent cost/benefit ratio in detergent formulations.  3. It is the most effective diper transfer inhibitors for liquid laundry and	E Pyrolidone copolymer	F Weakly cationic
412	410	ALTRASPERSE-AA	It is versatile anionic dye-dispersing agent	powder detergents, compared with conventional polyvinylpyrrolidone polymer (PVP).  1. It stabilizes dye dispersions, but it has no wetting or detergent action in acid liquors. In acid liquors, it has affinity for animal fibres, eg wool & sill, & for polyamide fibres 2. It ensure good stability of the dye dispersion through out the whole dyeing process	Sodium poly[(naphthalene formaldehyde)sulfonate]	Anionic
413	411	ALTRASPERSE-SW-30	Altrasperse-SW-30 is a versatile anionic dye-dispersing agent desired for the application where very low amount of electrolyte is present.	to the top the spers sont introduction on the winder opening process  I. it stabilizes dye dispersions, but it has no wetting or detergent action in acid liquors.  2. In acid liquors, it has affinity for animal filters, e.g., wool & silk, & for polyamide filters.  3. It ensure good stability of the dye dispersion through out the whole dyeing process	Sodium poly[(naphthalene formaldehyde)sulfonate]	Anionic
414	412	ALTRASPERSE-SW-CONC	Altrasperse-SW-Conc is a versatile anionic dye-dispersing agent desired for the application where very low amount of electrolyte is present.	I. It stabilizes dye dispersions, but it has no wetting or detergent action in acid liquors.  2. In acid liquors is thas affinity for animal fibers, e.g. wool & silk, & for polyamide fibers.  3. It ensure good stability of the dye dispersion through out the whole dyeing process	Sodium poly[(naphthalene formaldehyde)sulfonate]	Anionic
416	413	ALLENBLOOM-CVI	Allenbloom CVI is a silicone based color deepening agent designed to increase the depth of primarily polyester and their blended fabrics, dyed in black navy blue or dark shades by post treatment of fabric Excellent colour deepening effects are observed on other fabric substrates i.e. cotton, viscose, acetate, acrylic, wool and their blends also.	It gives colour deepening in dark shades up to 25 – 30 % by pad, dry-cure process.  2 Excellent elastic resilience & soft and smooth handle.  3. Applicable by pad process only & in garment machines with low turbulance.	Emulsion of modified amino siloxane	Non-ionic
	414	AMPLIFY-CHA	Amplify-CHA is a color despening agent designed to increase the depth of primarily polysest and their blended fabrics, dyed in black, navy blue or dark shades by post treatment of fabric	1. It gives colour deepening in dark shades up to 25 - 30 % by pad, dry-cure process. 2. Excellent elastic resilience & soft and smooth handle. 3. Applicable by pad process only. 4. Excellent colour deepening effects are observed on other fabric substrates i.e. cotton, viscose, acetate, acrylic, wool and their blends also.	Emulsion of modified amino siloxane	Non-ionic
417	415	AMPLIFY-DMP	Amplify-DMP is a silicone softener designed to be used along with acrylic based blooming agent. It maintains the brighter tone of the acrylic based blooming agent.	I. It is a color deepening agent designed to increase the depth of primarily polyester & cotton and their blended fabrics, dyed in black, navy blue or dark shades by post treatment of fabric.      It maintains the brighter tone of the acrylic based blooming agent.	Emulsion of modified amino siloxane	Non-ionic
419	416	AMPLIFY-DMP-ECO	Amplify-DMP-ECO is a silicone softener designed to be used along with acrylic based blooming agent. It maintains the brighter tone of the acrylic based blooming agent.	Lit is a color deepening agent designed to increase the depth of primarily polyester & colon and their blenderd fabrics, dyed in black, navy blue or dark shades by post treatment of fabric.  2.lt maintains the brighter tone of the acrylic based blooming agent.	Emulsion of modified amino siloxane	Non-ionic
420	417	AMPLIFY-JET-ECO	Amplify-HET-ECO is a color deepening agent designed to increase the depth of primarily cotton and their blended fabrics, dyed in black, navy blue or dark shades by post treatment of fabric.	I. It gives colour deepening in dark shades up to 15 – 30 % by pad, dry-cure process.     Excellent elastic resilience & soft and smooth handle.     Applicable by pad process only. For exhaust only to use in garment machine like drum washer	Emulsion of modified amino silicone	Non-ionic
421	418	AMPLIFY-RPI	Amplify-RPI is a colour deepening agent designed to increase the depth of primarily polyester and their blended fabrics, dyed in laker, havy blue or dark shades by post treatment of fabric. Excellent colour deepening effects are observed on other fabric substrates i.e. cotton, viscose, acetate, acrylic, wool and their blends also.	machine like drum washer	Emulsion of modified amino siloxane	Non-ionic
422	419	AMPLIFY-AB	Amplify-AB is a color deepening agent designed to increase the depth of primarily polyester and their blended fabrics, dyed in all shades by post treatment of fabric for bright deep look.	1. It gives bright look on fabric. 2. Free from slip trouble, hand marks, spot problem. 3. Does not affect the fastness properties of dyeing. 4. Very good mechanical / chemical/ drivernal stability. 5. No occurrence of chalk marks. No problems of ending and tailing	Special type hybrid acrylic resin	
422	420	AMPLIFY-AQ	Amplify-AQLs a color deepening agent designed to increase the depth of primarily polyester and their blended fabrics, dyed in all shades by post treatment of fabric for bright deep look.	1. Provides maximum color depth of disperse black & sulphur black. 2. It gives bright look on fabric. 3. Excellent durability stable to multiple washing and dry-cleaning cycles. 4. Free from slip trouble, hand marks, sop problem. 5. Does not affect the fastness properties of dyeing. 6. Very good mechanical / chemical / thermal stability. 7. No occurrence of chalk marks. 8. No problems of ending and tailing.	Special type hybrid acrylic resin	Weakly cationic
424	421	AMPLIFY-BE	Amplify BE is a colour deepening agent designed to increase the depth of primarily polyseize and their blended others especially yield in lake & may blue. Treated fabric exhibits jet black colour. It is also suitable on other fabric substrates i.e. cotton, viscose, acetate, acrylic, wool, polyamide and their blends.	1. Provides maximum color depth of disperse black & sulphur black. 2. Produces astronding [ET black, in blush shade. 3. Excellent durability stable to multiple washing and dry-cleaning cycles. 4. Free from slip trouble, hand marks, sop problem. 5. Does not affect the fastness properties of dyeing. 6. Very good mechanical / chemical / thermal stability. 7. Handic Neutral, somewhat bulloy, non-slippery. 8. No occurrence of chalk marks. 9. No problems of ending and tailing.	Special type hybrid acrylic resin	Weakly cation
425	422	AMPLIFY-8L	Amplify Bit. is a color despening agent with bluish tone designed to increase the depth of prinarily objecter and their blended fabrics, dyed in black, navy blue or dark shades by post treatment of fabric	1. Provides maximum color-depth of disperse black & sulphur black. 2. Produces astounding [ET black, in blush shade. 3. Excellent durability stable to multiple washing and dry-cleaning cycles. 4. Free from slip trouble, hand marks, sop problem. 5. Does not affect the fastness properties of dyving. 6. Very good mechanical / Achmical / Hermilal Ability. 7. Handic Neutral, somewhat bulloy, non-slippery. 8. No occurrence of chalk marks. 9. No problems of ending and tailing.	Special type hybrid acrylic resin	Weakly cation
476	423	AMPLIFY-BLACK	Amplify BLACK is a color deepening agent designed to increase the depth of primarily polyses; conton, wood and their blended fabrics, (yel on black, navy blue or dark shades by post treatment of fabric Excellent color deepening effects are observed on other fabric substrates i.e. cotton, viscose, acetise, acrylic, wool and their blends also.	1. It gives colour deepening in dark shades up to 25 - 30 %. 2. Excellent elsative resilience. 8 of all on smooth handle. 3. Applicable by pad & exhaust process. 4. Amplify Black treated fabric gives least amount of thermo migration in polyester fabrics deepning agent for denim & sulphur dyed garments.  5. Excellent colour deeping agent for denim & sulphur dyed garments.	Modified amino siloxane	Non-ionic
427	424	AMPLIFY-CBRT	Amplify-CBRT is a color deepening agent designed to increase the depth of primarily polyseter and their blended fabrics, dyed in black, navy blue or dark shades by post transment of fabric. Excellent color deepening with Redder Tone effects is observed.	1. Provides maximum color-depth of disperse black & sulphur black. 2. Produces actounding IT black shade depth in redder tone. 3. High darability in sulpide yelce of washing and dry-deaning. 4. Free from slip trouble, and Mark, hand marks, spot problem. 5. Does not affect the fastness properties of dyeing.  Jose to affect the fastness properties of dyeing.  Jose to affect the fastness properties of the district properties of the district properties.  Jose to affect the fastness properties of the district properties.  Joseph School, Sch	Special type hybrid acrylic resin	Weakly cation
478	425	AMPLIFY-EBA	Amplify-EBA is an economical color deepening agent designed to increase the deepth of primarily cotton and their blended fabrics, dyed in black, navy blue or dark shades by post treatment of fabric.	I. It gives color deepening in dark shades up to 15-30% by pad, dry-cure process:     Excellent elastic resilience & soft and smooth handle.     Applicable by pad process only. For exhaust only to use in garment machine like drum washer.	Based on silicone	Non-ionic
429	426	AMPLIFY-IND	Amplify-NND is a fine dispersion of diagoneric resine. It is a first true jet stable- coder deepsing agent maching deepering effects conventionally achieved by  dray-on-vet finishing by padding methods.  It imparts a distinct improvement in shade depth coupled with a brighter and  vibrant dye shade. It is  share at temperature stable. It is recommended for polyester, cotton,  polyamides, and their blends.	I Amplify-IND is exhaust applicable in high turbulence HTHP machines Le- noif flow, lets, yad on the conventional equipment like winches, jiggers, diveing equipment & other conventional equipment like winches, jiggers, diveing equipment & other conventional pathochronic Le. Color deepening agents are suitable only for dry-on-west floss methods. Amplify-IND is readily applied by west-on-west flinish methods eliminating the intermediate steps of fabric daying resulting in swing time and nenery.  3. Amplify-IND is suitable for color deepening benefits on dyed polyester dress materials, saree fabrics, Polyester-viscose Ramp; Polyester-cotton blends.  4. It is suitable for application on dyed cellulosic, natural polyamides, knitted flow on the color of the polyester deepening effects on dyed yarns by package giving equipment.  5. Amplify-IND is suitable for color deepening effects on dyed yarns by package giving equipment and the color of the polyester col	Oligomeric resin emulsion	Weakly cation

_				-		
430	A 427	B AMPLIFY-JWB	Amplify-IWB is a color deepening agent designed to increase the depth of primarily polyester and their blended fabrics, dyed in all shades by post treatment of fabric for bright deep look.	1. Provides maximum color-depth of disperse black. 2. Produces attounding JET black, in bluish shade. 3. Excellent durability stable to multiple washing and dry-cleaning cycles. 4. Free from slip trouble, hand marks, spot problem. 5. Does not affect the fatnese properties of dyeing. 6. Very good mechanical / chemical / thermal stability. 7. No occurrence of chalk marks. 8. No problems of ending and tailing.	E Special type hybrid acrylic resin	F Weakly cationic
431	428	AMPLIPY-JWR	Amplify-IVR is a color despening agent designed to increase the depth of primarily polyseizer and their blended fabrics, dyed in black, navy blue or dark shades by post treatment of fabrics, and the black have been standed by post treatment of fabrics and the fabrics of the fabrics and fabrics of the fabrics and fabr	1. Provides maximum color depth of disperse black. 2. Produces attounding IET black shade depth in redder tone. 3. High durability to multiple cycles of washing and dry-cleaning. 4. Free froms light rouble, and Mark and marks, spot problem. 5. Does not affect the fastness properties of deying. 6. Very good mechanical / chemical / thermal stability. 7. Handle: Neutral, somewhat bullsy, non-slippery. 8. No problems of ending and tailing. 9. Redder tone.	Special type hybrid acrylic resin	
	429	AMPLIFY-KB	Amplify-RE is a colour deepening agent with bluish tone designed to increase the degth of primarip polyseters and their blended fabrics, dyed in black, navy blue or dark shades by post treatment of fabric.	1. Provides maximum color-depth of disperse black: 2. Produces astounding ET black; in bluish shade. 3. Excellent durability stable to multiple washing and dry-cleaning cycles. 4. Free from slip trouble, hand marks, sop problem. 5. Does not affect the fastness properties of dyeing. 6. Very good mechanical / chemical / thermal stability. 7. Handie. Neutral, somewhat buildy, non-slippery. 8. No occurrence of chalk marks. 9. No problems of ending and tailing	Special type hybrid acrylic resin	Weakly cation
432	430	AMPLIFY-KR	Amplify-RR is a color deepening agent designed to increase the depth of primarily polyester and their blended fabrics, dyed in black, navy blue or dark shades by post treatment of fabric. Excellent color deepening with fledder Tone effects is observed. It is suitable on other fabric substrates i.e. cotton, viscose, acetate, acrylic, wool, polyamide and their blends.	1. Provides maximum color-depth of disperse black & sulphur black. 2. Produces astounding JET black shade depth in redder tone. 3. High durability to multiple cycles of washing and dry-cleaning. 4. Free from slip trouble, nail Mark, hand marks, spot problem. 5. Does not affect the fastness properties of dyeing. 6. Very good mechanical / themical / thermal stability. 7. Handle. Neutra, somewhat bulls, non-slippery. 8. No problems of ending and tailing. 9. Redder tone.	Special type hybrid acrylic resin	Weakly cation
	431	AMPLIPY-ONE	Amplify-ONE is a color deepening agent with blush tone designed to increase the degrin of prinnity polyester and their blended fabrics, dyed in black, navy blue or dark shades by post treatment of fabric	1. Provides maximum color-depth of disperse black & sulphur black. 2. Produces astrouting [ET black; ho blush shade. 3. Excellent durability stable to multiple washing and dry-cleaning cycles. 4. Fere from slip trouble, hand marks, sop problem. 5. Does not affect the fastness properties of dyving. 6. Very good mechanical / chemical / thermal stability. 7. Handle: Neutral, somewhat bulky, non-slippery. 8. No occurrence of chalk marks. 9. No problems of ending and tailing.	Special type hybrid acrylic resin	Weakly cationic
434	432	DYCAR-PEW	Dycar-PEW is a low odor carrier for dyeing of polyester, polyester blends, cationic dye able PES and blends	Low odor in application.  2 Produces no odor on the fabric, even without high drying temperatures after dyeing. After dyeing after dyeing after dyeing process.  4. Contains dispersants and leveling agents, it is usually used without additional leveling agents or dispersants.  5. Is also suitable in dyeing a tremperatures of 120-130°C.  6. Is particularly useful when dyeing polyester / wool blends because of low cross-staining on would with disperse after forms.	Based on aromatic imides	Anionic
	433	DYEBOND-425	Dychond-125 is a special high molecular weight cottonic compound designed to demand high we robbiging fatures for trouble-shooting on deep may, black, red shades on cellulose fiber and its blends, accompanied with high value-adding benefits for dyeing mills & apparel brands.	I. It improves distinctly both the dry and wer trubbing fastness on 100% Cotton, Rayon, PET(outon blends, It is applied for the aftertreatment of dyeing and prints. 2. No influence to washing, and perspiration fastness and the handle of fabric. 3. Does not lead to any shade deviations. 4. It is extremely effective on indigo yed denims. 5. Applicable by both PAD & Exhaust. 5. Applicable by Section 12 (Schaust. 7. Low Groung & Correct and Couldilly. 8. Free of formaldebyde, dimethylformamide & butanone oxime	Waterborne polyurethane	Cationic
436	434	DYEBOND-IF	Dyebond-IF is a cross linking agent to improve washing fastness of Indigo and Sulphur dyed denim fabric/garment. It improves wet & dry crock resistance on the fabric. It improves wash fastness without significantly affecting the dye shade.	Improves wet and dry crock resistance on the fabric.     Improves wash fastness without significantly affecting the dye shade.     Sifettice wore a wide pit range of 2 0 – 10.0.     High sustantivity to cellabise: fibers.     A right sustantivity to cellabise: fibers.     A chastism in your service of the pit of	Polyamide resin	Cationic
437	435	DYEBOND-MAX	Dyebond-MAX is a rula fastness improver after treatment agent, highly effective for cellulacia and synthetic fibres it reduces the colour abresion from dyel-cellulacion levels, synthetic and their blends. The element's to light, weaking and contact of the treated labrics are not impaired with the shade intensification is manageable.	1. The wet rubbing fastness can be improved significantly. It is Suitable for 100% Cotton, Buyon, PET_cotton blends. 100% Cotton, PET_cotton, PET_cotton	Waterborne polyurethane	Cationic
138	436	DYEFIX-CD/CONC	Dyefix-CD-Conc is an eco-friendly , highly concentrated 80% cationic dye fixing agent for reactive, vat, sulphur & direct dyes which does not contain its instrumblently in its formulation, the close not affect either light frastness or the shade of the treated material. It can be applied by exhaust as well as pad application	Formaldehyde free: Suitable for Oeko-Tex and baby wear.     I. It does not affect shade or light fastness therefore rematching not required.     It is versatile, thus suitable for pad & exhaust applications.     4.     Suitable for turquoise blue fabric, no tonal variation	Polycation	Cationic
440	437	DYEFX-CF	Dyelis-CF improves both, the wer fastness to washing and chlorine for materials that are dyed with reactive and direct dyes. Properties like perspiration, washing, etc. are also improved. It is applicable on exhaustion as well as by padding method with finishing resin. It is non-foaming and is formaldehy de free.	Gives excellent chlorine resistance. Gives excellent pool water fastness.     All round product for reactive and direct dyeings, excellent improvement of contact water fastness.     3. Gontact fastness of basics, direct & reactive dyeing's are distinctly improved & so suitable for polyacrylics, cellulosics & regenerated cellulosic fadrics.     4. None or only minimum influence on shade change and light fastness. No influence on handle and absorbency.	Polyetheramine in aqueous solution	Cationic
441	438	DYEFIX-CF/CONC	Dyefts-CF conc is 65% concentrated dyefting agent which improves both, the wet fastness to washing and chlorine for materials that are dyed with reactive and direct dyes, Properties like perspiration, washing, etc. are also improved. It is applicable on exhaustion as well as by padding method with finishing resin. It is non-foaming and is formaldehyde free.	Gives excellent chlorine resistance. Gives excellent pool water fastness.     All round product for reactive and direct dyeings, excellent improvement of contact water fastness.     3. Gontact fastness of basics, alphur, vat, direct & reactive dyeing's are distinctly improved & so suitable for polyacrylics, cellulosics & regenerated cellulosic fabrics.     4. None or only minimum influence on shade change and light fastness. No influence on handle and absorbency.	Polyetheramine in aqueous solution	Cationic
442	439	DYEFIX-CPW	Dyefts-CPW is an eco-friendly cationic dye fixing agent for reactive, vat, sulphur & direct dyes which does not contain formaldehyde in its formulation. Dyefts-CPW does not affect either light faitness or the shade of the treated material. Dyefts-CPW can be applied by exhaust as well as pad application.	1.Formaldehyde free 2.Suitable for Oekotex and baby wear Especially suitable even tricky shades like turquoise blue 4. Does not affect shade or light fistness 5. Rematching not required 6. Werstilk Suitable for exhaust and pad application	Polycation	Cationic
442	440	DYEFIX-CPW/CONC	Dyefts-CPW-Conc is an eco-friendly cationic dyeftxing agent for reactive, vat, sulphur & direct dyes which does not contain formaldehyde in its formulation. Due to its unique characteristics, it not only improves wash fastness, particularly staining on multifibre but also improves fastness to perspiration and fastness to contact water, without any staining on multifibre.	1.Formaldehyde free	Polycation	Cationic
443	441	DYEFIX- ECO	Dyefts: ECO-35 is an eco-friendly cationic dye fixing agent for reactive, vat, sulphur & direct dyes which does not contain formaldehyde in its formulation. It does not affect either light fastness or the shade of the treated material. It can be applied by exhaust as well as pad application.	Exoccidly suitable even tricky shades like turnouses blue  1. Formaldehyde free: Suitable for Oeko-Tex and baby wear  2. It does not affect shade or light fastness therefore rematching not required  3. It is versatile, thus suitable for pad & exhaust applications	Quartenized polyamine.	Cationic

445	A 442	B BYFFIX-HCF	Dyefix-HCF is a formaldehyde free dye-fixing agent for improving wet fastness of Reactive dyes & Direct dyes on Cellulosic fibers.  Dyefix-HF is a non-formaldehyde based dye fixing agent for cellulosic fabrics. It improves the wet fastness and wash fastness properties of direct and reactive improves the wet fastness and wash fastness properties of direct and reactive	I. Imparts excellent wash fastness to direct & filher dyed fabrics to water, perspiration wet ironing, sea-water & laundering.  2. It is a zero formaldehyde product & hence treated fabric are free from formaldehyde codes. He hence treated fabric are free from formaldehyde codes. The content of the content	Polyquaternary ammonium compound	F Cationic  Cationic
446		DYFFIX-HNF	dyeing on cellulosic filters. To improve the wer fastness and wash fastness properties of direct and discharge prints with direct and reactive dyestuffs. It also improves fastness to perspiration fastness.	3. No significant effect on handle. 4. Good compatibility with softening and finishing liquors. 5. Formaldehyde free. 6. Very good resistance to salts causing hardness of water		A 11
447	444	DYEFIX-HNF	Dyefts-HNF is a formaldehyde free dye-fixing agent for improving wet fastness of Reactive dyes & Direct dyes on Cellulosic fibers	1. Imparts excellent wash fastness to direct & fiber dyed fabrics to water, perspiration we troming, sea-water & laundering.  2. It is a zero formaldehyde product & hence treated fabric are free from formaldehyde one. Further the fabrics satisfies international regulations concerning formaldehyde emission.  3. It is highly releasant to presence of salts such as common salt & Glauber salt.  4. It is effective at room temperature. For optimum results the dyed fabric should be treated at 40°C to 50°C for 20 mins.  5. Conventional fining agent based on formaldehyde has detrimental effect on texture shade & fastness to light whereas Dyefic-HIMP being formaldehyde free has no disadvantages.  6. It has no effect on the dyes shade, nor does it impair its fastness to light & detrime.  7. It milms ingulation of direct dyes during drying & heat set process.  Does not promote yellowing.	Poly cation	Cationic
П	445	DYEFIX-NCF/CONC	Concentrated dyefixing agent to improve chlorine fastness for metal complex & acid dyes on nylon,	Chlorine fastness for nylon or polyamide fabrics     Excellent pool water fastness for swim wear made of polyamide or nylon.	Methylene linked condensation product	Anionic
448	446	DYEFIX-RN	Dyefix-RN is a wet fastness improver for metal complex & acid dyes on nylon, wool, slik and blends.	1.Dyefix RN is an excellent reserving agent when dyeing nylon/cotton blends. 2. It imparts excellent fixing effect to improve the wet fastness of treated fabrics. 3. Improves wet fastness of nylon & nylon/elastic. 4. No detrimental influence on the cition shade of nylon fabrics. No side effect of the country of the coun	condensate	Anionic
450	447	DYEFIX-RN/Cone	Dyefts-RN conc is a wer fastness improver for metal complex & acid dyes on nylon, wool, silk and blends.	LDyerks RN conc is an excellent reserving agent when dyeing nylon/cotton blends.  2. It imparts excellent fixing effect to improve the wet fastness of treated fabrics.  3. Improves wet fastness of nylon & nylon/elastic.  4. No detrimental influence on the color shade of nylon fabrics. No side effect on light fastness.  5. Prevent cross staining after wash-off for printing.  6. Minimal shade change and handle.	Polyphenolic type condensate	Anionic
451	448	DVEFIX-SN-50	Dyefts:SES50 is a formulal-dysde free dys-fluing agent for improving wet fastness of Reactive dyes & Direct dyes on Cellulosic fibers.	1. Imparts excellent wash fastness to direct & fiber dyed fabrics to water, perspiration we froming sea-water & laundering.  2. It is a zero formaldehyde product & hence treated fabric are free from formaldehyde of Further the fabrics satisfy international regulations concerning formaldehyde emission.  3. It is highly resistant to presence of salts such as common salt & Glauber salt.	Poly cation	Cationic
451	449	DYEFIX-SK-70	Dyelles Sk.70 is a formaldehyde free dye-fluing agent for improving wet fastness of Beactive dyes & Direct dyes on Cellulosic fibers.	1. Imparts occilient wash fastness to direct & filter dyed fabrics to water, prespiration we troning, sea-words & laundering.  2. It is a zero formaldehyde product & hence treated fabric are free from formaldehyde on. Further the fabrics satisfy international regulations concerning formaldehyde emission.  3. It is highly resistant to presence of salts such as common salt & Glauber salt.	Polycation	Cationic
453	450	DVEFIX-WFF	It is a dye-fluing agent for improving wer fastness of reactive, Sulphur, vat, indigo & direct dyes on cellulosic fibers.	1. Gives acceptable effects to improvement of not only color fastness to dry rubbing but also color fastness to ver vulbing to which the usual agents have been considered to be difficult to give effects.  2. It also improves were fastness of collusion cibarics.  3. Imparts excellent woah fastness to direct & fiber dyed fabrics to water, perspiration were froming, sea-varder & laundering.  4. It is a zero formaldelyide product & hence treates fabric is free from formaldelyide or. Further the fabrics satisfies international regulations concerning formaldelyide emission	Polydadmac	Cationic
454	451	DYLEV-7380	Dylev-7380 is a low odor carrier for dyeing of polyester, polyester blends, cattonic dye able PES and blends	1. Low odor in application. 2. Produces no door in the fabric, even without high drying temperatures after dyeing. 3. is easy in application and gives stable emulsion over the entire temperature range of the dyeing process. 4. Contains dispersants and leveling agents, it is usually used without additional leveling agents or dispersants. 4. Contains dispersants and leveling agents, it is usually used without additional leveling agents or dispersants. 6. Contains dispersants and leveling agents [20.130°C]. 6. Is particularly useful when dyeing projecter / wool blends because of low cross-staining on wool with disperse dyes.		Anionic
455	452	DVLEV-C8	Dylev-CE is a low foaming, ecofriendly diffusion accelerant with leveling action for dyeing of polyester & its blends.	1. Accelerate dye diffusion especially at temperatures above 100°C. 2. Improves dye migration. 3. Allows shorter dyeing cycles (hence lesser energy consumption and reduced occurrence of oligomer deposits). 4. Gives better yields (hence reduced dye costs and cleaner machines). 5. Promotes coverage of material-induced bareness.	Mixture of aromatic hydrocarbons	Non-ionic
456	453	DYLEV-DA	Dylev-DA is a dispersing and levelling agent. It is a universal low foam dispersant and can be used in the dyeing of most fibers including wood, bodysmide, Polysera, excetta, cryft: and their blends. It is stable in hard water, acide, alkaline and electrolytic conditions.	Ensures excellent dispersion of the dyestuff through printing and fixation, thereby enhancing print evenience, Carity and brightness.     It is suitable for high temperature dyeing and does not alter the shade of colorants nor does it impart any unpleasant odor to the products.     3. It also helps to stabilize non-ionic auxiliaries in the dye bath.	Sodium poly[(naphthalene formaldehyde)sulfonate] & surfactant	Anionic
457	454	DYLEV-DIF	Delier-DiF is a levelling, dispersing and migrating agent with diffusion accelerating effect for use in dyeing polyester with disperse dyes under HT conditions. Dyeing polyester fiftees and microlibrase and polyester and polyester/cellulose blends at all stages of processing.	1. Good levelling and migration properties. 2. Marchod diffusion-sceleriting effect. 3. Very good dispersing properties. Build-up on tone. 4. No oligomer deposits. 5. Permits level dyeing's under critical dyeing conditions. 6. Improves in cut levelness in dyeing on circulating liquor machines. Suitable for levelling faulty dyeing's. 1. Improves coverage of material with varying affinity. 14. Further dispersants not required.	Carboxylic and phosphoric acid esters of aromatic compounds	
458	455	DYLEV-DLP	Dylev-DLP is a levelling and dispersing agent for dyeing polyester fibers with disperse dyestuffs by the HT process	1. Fluor-scent whitening of polyester fibers with disperse FWAs by the HT process. 2. Dyeing the polyester component of polyester / cellulosic blends by the HT process. 3. Pronounced dispersing properties. Yery good levelling effect. 4. Prevents filtration of dyestuffs. Does not increase the AOX content of waste water.	Aryl-polyglycol ether derivative	Anionic
459	456	DYLEV-EC	Dylev-EC is a low feaming, eco-friendly diffusion accelerant, leveler for dyeing of polywater & its blends.	1. Accelerates dye diffusion especially at temperatures above 100°C. 2. Improves dye impiration. 3. Allows shorter dyeing cycles (hence lesser energy consumption and reduced occurrence) of 0.18 (gamer deposits). 4. Gives better lydisch (hence reduced dye costs and cleaner machines). 5. Promotes coverage of material-induced barrenness.	Mixture of aromatic hydrocarbons	Non-ionic

口	A 457	B B	Dubar ELA is an importation product to a -bbbbbb	D	E Solution of an/	F Amphatoria
460	457	DYLEV-ELA	[Pojev-ELA is an innovative product to enhance the shade depth on the Elastane portion in blends of PAJE, and then ensure solid shades and high wet fastness property on PAJEs Islends. Dispove-ELA together with Black-M is the only way to achieve on EL fibers a full deep black without any reduction of wet finitness properties.	1. "Gris-through" of the undyed elastane fiber is eliminated (typical problem with foundation garments containing bare EL).  2. Molding of black bra cups without any shade change (after molding the visible EL slowes sume shade than IA) without the containing on EL).  Allower production of garments with extreme contrast color (e.g. black/white).  5. Highest quality and prolonged life of the finished goods by allowing multiple washing cycles.  6. Insures stable and card color of a number of the color of the c	derivative	Amphoteric
2	458	DYLEV-ERQ	Dylev-ERQ is a low-foaming leveling agent and dyeing accelerator with strong diffusion-promoting properties for HT-polyester dyeing's.	1. Support uniform color build-up. High migration properties. 2. Free of phthalis acid ester. 3. Free of APEO or APEO derivatives. 4. Self-emulsfilying when pouring into water. 5. Low-Gamming, also in HT-range. 6. Suttable for very short Tilguor ratios. 7. Excellent leveling effects. 8. Suitable for verieing faulty dyeing's. 9. Suitable for carrier and HT-dyeing's, also on beam dyeing machines.	Based on aromatic carboxylic acid compound & ethoxylates	Non-ionic
461	459	DYLEV-FBSE	Dylev-FBSE due to its substantively for 1:2 metal complex dyes enforces a slow & even rate of absorption which is excellent penetration & level dyeing.	Levelling agent for 1:2 metal complex dyestuffs for polyamide & wool.     2. It is applicable in dyeing of wool, silk and polyamide fibers in weakly acid baths (pl4 + 5)     and also in ammonium sulphate (pH 6 - 6.5) process.	Nitrogenous condensation product	Amphoteric / Non-ionic
462	460	DYLEV-FI	Dylev-Fl is a versattle dispersing, levelling and emulsifying agent. It keeps the insoluble dye particles in fine dispersion and prevents re-deposition on the substrate. Thus it is useful in the dysing of disperse dyes, acted dyes, acid dyes, chrome dyes and naphthol dyeing, It also helps in smooth running of the pad bath hence preventing roller build up.	It's a Multipurpose hence Used as levelling, dispersing, emulsifying agent hence less inventory.  2. It's versatific, hence suitable for cotton, Polyester, wool silk and nylon.  3. It gives good dispersing / emulsifying action hence can prevent silicones spots in finishing of longer batched under adverse conditions.	Surfactant blends	Non-ionic
464	461	DYLEV-FTSK	bylev-FTSK is a levelling agent with affinity for dyes for use in the dyeing of polyamide, wood & silk	1.Dyeing polyamide, wool or silk with selected acid and 1:2 metal-complex dyes.  2. Levelling and brightening faulty dyeings.  3. Levelling of structural differences in the fiber.  4. Improves percentation of dyeings.  5. Improves the combination behavior of acid dyes.  6. It retards the uptake of dyes by polyamide fibers with a high strike rate and thus ensures good leveling and uniform uptake of dyes throughout the dyeing process.	Complex blend of surfactants	Weakly anionic / non-ionic
404	462	DYLEV-LAFS	Dylev-LAFS is a dispersing and leveling agent for disperse dyes. It is also suitable for stripping polyester dyeing's.	I. It is suitable for stripping polyester dyeing's.     Helps in removing unfixed or loose dyestuff and does not loose redeposition of the dyestuffs	Polyoxyethylene ether ester	Non-ionic
465	463	DYLEV-NL-SPL	Dylev-NL-SPL is a leveling and reserving agent used in the dyeing of polyamide fibers with acid dyestuffs, 12 metal complex & direct dyes. Due to its affinity towards polyamide fibers reduces rate of enhaustion of acid dyestuffs & also improves migration. This results in a level dyeing	1. Promotes level dyeing's with acid, milling, metal complex & chrome dyes on wood, silk & polyamide fibers and with other fibers.  2. Promotes penetration of the dyeing & excellent migration effect even with high affinity dyestraffs.  3. Reduces the tendersort propers.  5. Particularly improves levelness of the dyeing, depth of shade & synchronous exhantion of 1.2 metal complex dyes with salipho groups (1:2 metal complex dye).	Mixture of non-ionic & anionic surfactants	Anionic
467	464 465	DYLEV-PNS DYLEV-SLM	Dylev-SLM is a levelling agent for high temperature dyeing of polyester fiber / fabric	Excellent migration property to the dyes used and therefore eliminates uneven dying. Time required in raising the temperature is reduced, covering property to eliminate barrie effect.     St. does not produce any adverse effect on the light fastness nor does it downed and doversely affect to extrament.     St. does not produce any adverse effect on the light fastness nor does it downed by the subsequent treatment.     Sc. does not produce the subsequent treatment.	Special Anionic surface active agent.	Anionic
460	466	DYLEV-SMK	Dylev-SMK due to its substantively for 1.2 metal complex dyes such as Lanasyns enforces a slow & even rate of absorption which is excellent penetration & level dyeing.	Levelling agent for 1.2 metal complex dyestuffs for polyamide & wool.     21 is applicable in dyeing of vool, silk and polyamide fibers in weakly acid baths (pH 4 - 5)     and also in ammonium sulphate (pH 6 - 6.5) process.	Nitrogenous condensation product	Amphoteric / Non-ionic
470	467	DYMAX-TWE	Dymac-PWE system represents a valid alternative to the traditional sauping process, generally performed with several vashing at boiling temperature. Dymac-PWE allows a substantial reduction in terms of treatment baths, all performed at the maximum temperature of 50.	1. Dymac-TWE has a particular cationic nature which enables it to react with the hydrolysard dyes and, subsequently, with the fiber.  The head of the hydrolysard hydrolysard has been a consistent of the hydrolysard has a pectal chemical nature, which allows diverse actions as follows:  The reaction between the polymer with both, hydrolysard and partially hydrolysard dyes, generates a complex with affinity to the fiber.  The complex forms a stable bond with the fiber. Such bond has a very high stability.  The polymer reacts with the dyes previously fixed on the fiber.  3. Very good wer fastness also with repeated washes.  4. No influence on the light fastness of the dyestuffs.  5. If orrectly applied the product chashs tearly completely on the fiber and no residual product remains in the bath	Quaternary ammonium compound	Cationic
	468	DYRETARD-ACR	Dyretard-ACR is developed as retarding & leveling agent for the dyeing of polyacrylonitrile fibers with cationic dyestuffs. Levelling of faulty dyeing's.	High levelling power of cationic dyestuffs.     Improves the migration of the basic dyestuffs.     Intensified dye take up only after reaching the dyeing temperature	Quaternary ammonium compound	Cationic
4/1	469	DYRETARD-ANI	Dyretard-ANI is a retarding & leveling agent for the dyeing of polyacrylonitrile fibers with cationic dyestuffs & cationic dyeable polyester fabric	Suitable for all types of cationic dyestuffs.     2High leveling power of cationic dyestuffs for polyacrylonitrile & polyester fabric     3. Improves the migration of the basic dyestuffs.     4. Intensified dye take up only after reaching the dyeing temperature.	Quaternary ammonium compound	Cationic
4/2	470	DYRETARD-AR / CONC	Dyretard-AR-Conc is a retarding & leveling agent for the dyeing of polyacrylonitrile fibers with cationic dyestuffs	Suitable for all types of cationic dyestuffs     High leveling power of cationic dyestuffs     Improves the migration of the basic dyestuffs.     Intensified dye take up only after reaching the dyeing temperature	Quaternary ammonium compound	Cationic
473	471	DYRETARD-PAN	Dyretard-PAN is a retarding & leveling agent for the dyeing of polyacrylonitrile fibers with cationic dyestuffs	High leveling power of cationic dyestuffs.     Improves the migration of the basic dyestuffs.     Intensified dye take up only after reaching the dyeing temperature	Quaternary ammonium compound	Cationic
474	472	DYTEC-DAN-30	Dytec-DAN-30 is a high performance, non-staining dispersing agent for the producing level dye shades on polyester with disperse dyes in high temperature exhaust dyeing systems	1. Does not stain polyester and ensures optimum brightness and color clarity even in pale shades and with fluorescent optical whiteners.  2. Maintains its light dispersing efficiency throughout heating and cooling cycle and so prevents dyestuff aggiomeration and surface re-deposition which if often encountered in heavy shades.  3. It has excellent in-built dispersing action on polyester oligomer and can be used as an efficient cleaning agent for oligomer deposits that may have accumulated in the dying equipment  4. Maintains a staff dispersion in the office of high electrolyte  4. Maintains a staff dispersion in the service of high electrolyte  5. Maintains a staff objects of the service of high electrolyte  6. Maintains a staff objects of the service of high electrolyte  6. Maintains a staff objects of high electrolyte  7. Maintains a staff objects of high electrolyte  8. Maintains a staff objects of high electrolyte  8. Maintains a staff objects of high electrolyte  9. Maintains a staff objects of high electrolyte  9. Maintains a staff objects of high electrolyte  9. Maintains a staff objects of high electrolyte  1. Maintains	Sodium poly[(naphthalene formaldehyde]sulfonate]	Anionic
475	473	DYTEC-DAN/CONC	Dytes-DAN/coac is a high performance, non-staining dispersing agent for the producing level dye shades on polyester with disperse dyes in high temperature exhaust dyeing systems	L Does not stain polyester and ensures optimum brightness and color clarity even in pale shades and with fluorescent optical whiteners. 2 Maintains its ligh dispersing efficiency throughout heating and cooling cycle and so prevents dyestuff agglomeration and surface re-deposition which if often encountered in heavy shades.  3. It has excellent in-built dispersing action on polyester oligomer and can be used as an efficient cleaning agent for displamed exposits that may have 4. Maintains a stable dispersion in the presence of high electrolyte concentration and is therefore suitable for use in one-bank dyeing processes for polyester cellulosic and polyester wool blends. Is low foaming and highly effective even at low concentration also.	Sodium poly{(naphthalene formaldehyde]sulfonate]	Anionic

_	<del></del>			-	_	
Н	A 474	DYTEC-LB	C  Dytec-LB improves the stability of reactive dye solutions when dyeing cellulosic	D  1. Improves the stability of reactive & direct dyes in solution when dyeing	E Alkyl aryl sulphonate	Anionic
477			fibers.	colludios: and PES/CEL blends. 2. Improves type diffusion and thus levelness. 3. Dissolves and disperses impurities in the filter. 4. Sable against lays salt-concentration & against water-hardness. 5. It is low-foaming.	aqueous preparation.	
478	475	DYTEC-LR	Dyte-LR helps to improve the stability, leveling of reactive & direct dye solutions when dyeing cellulosic fibers	I. Improves the stability of reactive & direct dyes in solution when dyeing collusions and PSS/CR. Hends.  2. Improves dye diffusion and thus levelness.  3. Dissolves and disperses impurities in the fiber.  4. Stable against high salf-concentration & against water-hardness.  5. It is low-foaming.	Polyaminocarboxylic acid & sulphonic acid salts	Anionic
479	476	рутес-мсн	Dytec-MCH is an actid donor for dyeing of polyamide and wool with actid dyestuffs.	1. Dytes-MCHs an actd donor designed for dyeing of polyamide and wool with acid dyestiffs.  2. Even lowering of plf value during the heating up period in contrast to conventional buffer systems which maintain a constant plf value.  3. Lowers final plf value up to 4.0.  4. Even absorption of the acid dyestiffs by the fiber over the entire dyeing process. Optimal controlled dyebath exhaustion.  5. Insensitive to electrolytes, Foam-field, 18. Insensitive to electrolytes, Foam-field.  6. Increased process safety (local acid overdoses avoided).  7. Minimal danger of cauterization in contrast to acids.	Methanoic acid ester of glycol	Non-ionic
490	477	DYTEC-NYL	Dyrec-NYL is used as an acid donor for automatic pit regulation of the dye bath when dyeing PA and WO with acid or 1:2-metal complex dyestuffs.	Highly concentrated.     Controlled release of acid with increasing temperature of the dye bath.     Seam-free.     Easily dispersible in cold or warm water.	Methanoic acid ester of glycol	Non-ionic
400	478	DYTECRIG	Dytec-RLG is an auxiliary to improve the stability, leveling of reactive & direct dye solutions when dyeing cellulosic fibers	It controls the liquor enhanction rate and powers the rate of flustion during concerned yeing fassures uniform Instant of the dyestiff due to pit regulating effect during the alkalia addition.  2. These properties promote level dyeings particularly of cellulose based synthetic fibrers such as viscose, bycell, modal and micro modal.  3. The product has a sequestering effect regarding hardness elements which may be contained in the process water, in the goods and in the electrolyte 4.1 has a positive influence on the bicarbonate problem the dyer is faced with in reactive dyeing.  5. The reproducibility of the dyeing is improved.  6. Excellent dispersing power even in case of extreme liquor turbulences.	Polyaminocarboxylic acid & modified condensation product	Anionic
481	479	DYTEC-SFD	Dytec-SFD is a multi-functional pre-treatment dyeing auxiliary to enhance complete exhaustion of anionic dye bath such as reactive, direct, sulfur, vat and pigments.	1. Salt free dyeing. 2. Complete exhaustion of dye bath with very deep dark shades. 3. 46-950'r declarion of dyeing time for increased productivity. 4. Fewer fixing agents & additives required. 5. Lower water required. 6. Reduced effluent toxicity, no salt in effluent. 7. Little cleaning of equipment for disser turnaround.	Cationic polymer	Cationic
482	480	DYTEC-VSB	Dytec-YSB is a unique high temperature stable acid buffer and core alkali neutralizer.	1. Powerful acid buffer. Stable over wide temperature range (30 - 200°C). 2. Ensures and maintains consistent plf and is highly robust and retains its efficiency even at elevated temperatures encountered during the dyneing junt fination of disperse dyes on polyester, which is the proper of the property of the proper	Blend of organic acids and their salts	Wealdy Anionic
	481	FIXER-ALN	Fase: All 8 is highly methylated melamine formaldebyde resin. It is designed for thermoesting sorter countings as a cross linker for primary film former to form a three dimensional thermo set polymer network with high performance properties. This involves the reaction of the functional groups on HM with complementary reactive groups on the primary film former	I. It is a very good cross linking agent.  2. It is used to increase the degree of crosslinking of polymer dispersions and improve the strength characteristics of the finished product.  3. A high degree of crosslinking contributes to increase fresistance to wet treatments and solvents, as well as an increase in physical and mechanical properties.  4. The crosslinking reaction occurs at temperatures above 120c.  5. As a catalyst, an acid additive -ammonia salts or MgC2 can be used.  6. Practically no trend to white marking.  7. Very good work fistenses & dry cleaning resistance.  8. Long storage stability, when compared with conventional products.	Hexa methyl melamine formaldehyde	Nonionic
484	482	REDUCTI-ACT	Reducit-ACT is a reducing agent, to be applied in the cooling dye bath at acidic pil.	L. In a cooling acidic dye bath, it has an excellent reducing effect and is very suitable for removing unfixed disperse dyes from dyeing a and prints on polyester substract.  2 it is Low in odor.  3. With Reducit-ACT, alkalizing the bath or preparing a fresh post-clearing bath is no longer necessary nor it is necessary to re-acidify the Reducit-ACT bath subsequent to alkaline after treatment.  4. Shortens process time, reduces water and energy consumption and saves cost.	Sulphinic acid derivative aqueous solution	Non-ionic
486	483	REDUCIT-ECO	Reducit-ECO is a reducing agent, to be applied in the cooling dye bath at acidic pH.	In a cooling acidic dye bath, it has an excellent reducing effect and is very suitable for removing unifixed disperse dyes from dyeing's and prints on polyester substructs.     2. It is Low in color.     3. With Reductive ECO, alkalizing the bath or preparing a fresh post-clearing bath is no longer necessary nor it is necessary to re-acidify the Reducti-ECO bath subsequent to alkalize.     4. Shortens process time, reduces water and energy consumption and saves cost.	Sulphinic acid derivative aqueous solution	Non-ionic
487	484	REDUCTT-ECO / Conc	Reducit ECO-Canc is developed as reducing agent, to be applied in the cooling dye bath at acidic pH.	1. In a cooling actic dye bath it has an excellent reducing effect and is very suitable for removing unfixed disperse dyes from dyeing's and prints on polyester substrates.  2. With Reducti-ECO-Conc, alkalizing the bath or preparing a fresh post-clearing bath is no longer necessary nor is it necessary to re-actifity the RC bath subsequent to alkaline after treatment.  3. Shortens process time, reduces water and energy consumption and saves cost.	Sulphinic acid derivative	Non-ionic
488	485	REDUCTI-RC	Reducit-RC is a reducing agent, to be applied in the cooling dye bath at acidic pH.	suitable for removing unfixed disperse dyes from dyeing's and prints on polysters substrates.  2. It is Low in odor.  3. With Reduction-RC, alkalizing the bath or preparing a fresh post-clearing bath is no longer mecessary nor it is necessary to re-acidify the Reducti-RC bath subsequent to alkalize the control of the co	Sulphinic acid derivative aqueous solution	Non-ionic
489	486	REDUCIT-RC-PDR	Reducit-RC-PPR it is highly effective, biodegradable reducing agent for alkaline reductive clearing of dyeing 5 & prints on polyester fabric.	High reducing power in alkaline reduction cleaning.     Suitable for stripping faulty dyeing so no polyester & cellulosic.     Suitable for straing soaled units.     A No oxidative decomposition during storage, no self-ignition.     S. Virtually odorless free flowing powder.	Aminoiminomethanesulfini c acid	Anionic
	487	REDUCIT-ZN	Reducit-ZN is used for discharge printing on polyester, nylon and other	Discharge printing on polyester, nylon and other synthetic fiber.	Zinc formaldehyde	Nonionic
490			synthetic fibers.	l .	sulfoxylate (ZFS)	

_						
Н	A 488	SYLAST-DBL B	C Sylast-DBL is a preparation and dye bath lubricant to prevent rope marks,	D  1. Promotes opening of the fabric rope and displacement of folds or creases in	E Blend of special phosphate	Anionic
		3-1-0	creasing and alreation in cellulose fabrics and minimize tendency of color streakiness in witch, the machines it is also an efficient one-bath sour-dye anti-crease auxiliary for jet processing of polyester	cellulotic and polyester.  2. Acts as a lubricant when the fabric rubs against itself or machine parts, and eliminates yarn/liber abrasion.  3. Has no restraining effect on dyes.  4. Is highly stable to caustic alkali and to high electrolyte concentration making it stell or policitation of all dyes on cellulosis fibers & their blends.  5. Has excellent emulsifying properties for residual oits, waxes and enable a 6.1 low founding and facilitates sonoth running in jet machines with higher machine loading at shorter liquor ratios.	esters	
491	489	SYLAST-LA	Sylast-LA is a preparation and dye bath lubricant to prevent rope marks, creasing and abrasion in cellulosic fabrics and minimize tendency of color streakments in which, pit machines, it is also an efficient one-bath scour-dye anti- crease auxiliary for jet processing of polyester.	1. Promotes opening of the fabric rope and displacement of folds or creases in cellulotics and polyester.  2. Acts as a lubric must be fabric rubs against itself or machine parts, and displacement of the control of t	Blend of special phosphate esters	Anionic
492	490	ULTRAFIX-UNN	Ultrafix-UNN is a leveling agent used in the dyeing of polyamide fibers with acid dyestuffs; 1:2 metal complex & direct dyes. Due to its affinity towards polyamide fibers reducers tell of exhaustion of acid dyestuffs & also improves migration. This results in a level dyeing.	1. Promotes level dyeing's with acid, milling, metal complex & chrome dyes on wood, slik & polyamide filters and with other filters.  2. Promotes penetration of the dyeing & excellent migration effect even with high affinity dyestuffs  3. Reduces the tendency of streakiness.  4. Good wetting & dispersing power.  5. Particularly improves leveliness of the dyeing; depth of shade & synchronous exhaustion of 1:2 metal complex dyes with sulpho groups (1:2 metal complex dye).	Mixture of non-ionic & anionic surfactants	Anionic
493	491	ALTRAPLEX-PW	Altraples-PW is a fiber protecting agent for dyeing wool at low temperatures or with a shorter dyeing time at 90°C. It protects wool fiber damage.	1. Good day yield when dyeing wool and other animal hair/filber below the boil (e.g. at 85°C). 2. Shorter dyeing time at 98°C. 3. Leveling and dispersing action. 4. Beneficial when applied in the iso-electric range of wool. 5. Softening properties; maintains the quality of the wool. 6. Good wetting out. 7. Low Youning.	Complex polycarboxylates preparation	Non-ionic
494	492	ALTRAPLEX-PW-30	Altraplex-PW-30 is a fiber protecting agent for dyeing wood at low temperatures or with a shorter dyeing time at 96°C. It protects wood fiber damage.	1. Good dye yield when dyeing wool and other animal hair/filber below the bod (e.g. at 65°C).  1. Good and the state of the wool.  5. Softening properties; maintains the quality of the wool.  6. Good wetting out.  1. Low foaming.	Complex polycarboxylates preparation	Non-ionic
496	493	ANTIPIL-219	Antiple 129 for actionic antiple flam time pages produced by an institu reaction which results in subhen none dispersions. It imparts excellent antiple, antiple and antissage characteristics to all fabric substrates Le. synthetics, cellulosic's and their blends.	Treated fabric imparts excellent antipli, antislip and antisnag properties.     Li has an excellent antistatic effect on polyester fabric.     Treated fabric imparts naturally soft hand without any harshness.     4. Does not affect color fastness and rub fastness properties of the fabric.		Cationic
497	494	ANTIPIL-FW-NEW	Antipil-PW-NEW is an anti-slipping & anti-pilling finishing agent with soft handle for all fiber types	I. Improving seam resistance and resistance to thread slippage of all slippage prone fibrics, particularly suitable for appared fibrics like blouses and shirts.  2. Outstanding soft handle compared to conventional anti-slipping agents, and feel is maintained on fabric.  3. Greatly improves resistance to thread slippage and seam strength.  4. Avoids seam damage on the garments during wearing.		Weakly Cationic
498	495 496	ANTISLIP-SP AQUACOAT-1432	Antatile, SP is an excellent antistil pcum antipil agent. Applicable by exhaust & pad method.  Aquacoar-1432 is a flexible, solvent free aliphatic polyurethane dispersion for use in various applications. It forms a tough and flexible film.	prone fabrics, particularly suitable for apparel fabrics like blouses and shirts.		Weakly Cationic Anionic
	497	AQUACOAT-1492	Aquacoat-1492 is an air dry, water-borne urethane, designed for high performance uses, where hardness, flexibility, chemical and abrasion resistance are required. It has excellent UV resistance property thus permitting its use in exterior coating applications such as concrete, metal, plastic, tiles, polycarbonate, marble and wood. It has excellent durability and displays good UV resistance.	Its film properties are high in clarity, are hard and flexible.     It is resistance to alcobol, water and alkali, abrassion, chemicals and impact.     3. Compatibility with many acrylic emulsions.     4. Good adhesion to many substrates.     5. Adhesion to many substrates.	Aliphatic polyurethane	Anionic
501	498	AQUAFLEX-SB	Aquaflex-SB is a binder and filler for fabrics, knitted goods, chemical bonding of fleeces & nonwovens, for technical textiles and coating.	Self-crosslinking binder and filler for all types of textiles fibers, recommended binder for the enhancement of the wash durability of Vector control agent     Relatively soft hand feel     Relatively soft hand feel     Resistance to washing and dry cleaning     4. APEO free formulation with good water and solvent resistance.	Acrylic ester copolymer	Anionic
E02	499	AQUAREPEL-ZFC	Aquarepel-ZFC is a long-lasting, fluorine-free water repellent finish targeted to fibrics used in outdoor, lessure and sportswear applications.	1. Water repellency: It offers superior water repellency levels to existing fluorine-free products available in the market and dose to CG fluorochemicals. To recover the water repellency after laundering, an ironing is not necessary.  2. Very good wash permanency of effect: It can display a wash resistance of more than 20 washes, a performance close to CG fluoro chemicals and far superior to other fluorine free products.  3. No impact no breathability of the fabric 5. Sustrainability: fluorine-free. Ecofriendy 6. Fere from PETS (Perfluorinates) 8. Banned substances	Polymers of high branched dendrimers in a matrix of hydrocarbon	Cationic
503	500	AQUAREPEL-ZERO-F	Aguarque/ERRO-F is a long, hatting fluorine-free voter repellent finish targeted to flotheries used to entrollor enterine under sourceas applications. It is suitable for water repellent finishes on articles e.g. cellulose, synthetic fibers, wool & their blends, without influencing the breathing properties of the material.	1. Water repellings; In offices superior water repellings levels to ociting fluorine free products available in the market and close to C6 fluore-chemicals. To recover the water repellency after laundering, an ironing is not necessary.  2. Very good wash permanency of effect: It can display a wash resistance of more than 20 washes, a performance lose to C6 fluore chemicals and far superior to other fluorine free products.  3. Plesant touch softness and bully hand-feel ensures the fabric stays plesant to the touch.  4. Wo impact to breathability of the fabric.  5. Sustainability: fluorine-free. Exofriendly  6. Vere from PFG (Perfluorinate) & hound substances.	Polymers of high branched dendrimers in a matrix of hydrocarbon	Cationic
	501	AQUASORB-AO-PDR	Aquasorb-AO-PDR helps protect indigo dyestuff against ozone fading.	Ecofriendly, sustainable antiozone in powder form.	Mixture of organic and inorganic substances	Cationic
504	502	AQUASORB-OZ	Aquasorib-OZ is a fatty acid amido amine softener used to protect indigo dyestuff against ozone fading.	automated feed systems. It does not carry a red label. 2. It is a complex amido anime phosphate used to protect indigo dyed fabrics and garments against ozone & NOx fading. 3. Economical & Ecofriendly.	-	Cationic
506	503	AQUASORB-TM	Aquasorh: TM is a fibric conditioner imparts durable soil release & anti-soil te- deposition properties to 100% polyeeter, prion & its bieben durfer a variety of application conditions. It may be applied before, during or after dyeing. It may be used with disperse & cationic dyes or combination thereof.	1. It enhances the wear ability & ease of care of career apparel & active sportwear.  2. Discomfort of fabric clinging to skin & the dust attracting properties of fabric are overcome.  3. Easy laundering is obtained due to excellent soil release & desoiling properties.  4. Remarkably improved moisture trasport (water absorption & wicking) is obtained with fabric treated with Admissorb-TM.		Non-ionic
507	504	CATALYST-EC  CATALYST-PP-ECO	Catalyst-EC is an eco-friendly crosslinking agent for pigment printing, It is particularly effective for prints taken on knitted, cellulosic fabrics, polyester / cotton, polyester / viscose and polyamides. Addition of it to a pigment paste enhances its fastness properties especially wet rubbing fastness.  Catalyst-PP-ECO is an eco-friendly crosslinking agent for pigment printing. It is	I. Improvement in dry, wet rubbing fastness of pigment prints.     2. Cross-linking polymer.     3.Ecofriendly.     4. Formaldehyde, Meko and Butane Oxime free.      I. Improvement in dry, wet rubbing fastness of pigment prints.		Non-ionic  Non-ionic
508	506	DENIM FINISH-ANTQ	Casalysa-Y-P-EO: San even remay crossmaking agent to pigiplent printing in to particularly effective for prints taken on knitted, callulosis fabrics, polyester / cotton, polyester / viscose and polyamides. Addition of it to a pigment paste enhances its fastness properties especially wer trubing fastness.  Denim Finish-ANTQ is designed to give an aged cast to abraded denim garments.	Improvement not you extraoring assures or pigment paints.     Cornss-linking polymer.     S. Eco-friendly.     Formaldehyde, Meko and Butane Oxime free.      I. Pumpable, easy to use liquid.	emulsion	Nonionic
509	300	The same and	u gre an ageu tast to sursided definin garments	Environmentally friendly.     Useful on indigo, direct, reactive and other dyed fabrics.	inorganic compounds	

$\vdash$	A 507	DERMASET-BAP	C  Dermaset-BAP is a special finishing agent for articles made of wool and wool	D  1. For felt-free finishing of wool which have not been pre-chlorinated.	E Thermo-reactive	F Anionic
510			blends for antifelt finishing without pre-chlorination, improved dimensional stability, stretch apacity and elastic recovery, reduced pilling and snagging, improved abrasion resistance, modification of the handle (volume, harshness) on all types of fiber.	2. Excellent shrink resist, wash and wear finish on vool and its blends. 3. Improves stretch and shape recovery especially on knit goods. 4. Reduces pilling and snagging and improves abrasion fastness. 5. Excellent dimensional stability and swregistic effect. 6. No significant deterioration on shade and fastness. 7. Negligible impairment on the degree of whiteness.	polyurethane	
511	508	FINISH-CO	Finish-Co is a cross-linking polymer for stiff handles. It is used for finishing of bot Interlining cloth, cawas, buckram, etc. to give maximum stiffness. It imparts a durable finish.	L it gives stiff or full handle with flexibility, surface smoothness & permanent finish.  2. It is applied by pad, dry & cure process in presence of acid catalysts.  3. It forms dry hard transducent film which is not effected by moisture.  4. Optimum washes fasteners & dry cleaning resistance.  5. It has excellent light & temperature stability	Acrylic polymer	Weakly anionic / non-ionic
	509	FINISH-IVS	Finish-Tik helps in protecting the indigs-dyed denim against yellowing and for preventing storage yellowing on polymonide. It improves the ozone and gas fume fastness properties of indigs-dyed denim	It. It shows good resistance to salt, acid and alkalis.  2. It is resistant bard water in long baths.  3. It is an excellent reserving agent when dyeing nylon/cotton blends.  4. Improves the west fastness of FA dyed with all common dye classes.  5. After treatment to improve the wet fastness of prints on PA.  6. Does not Impirity firstness.  7. Can be applied at pH 4.0 – 5.0.	Alkyl aryl sulphonate	Anionic
512	510	FINISH-MF	Finish-MF gives excellent surface softness & smoothness to all type of fabric substrates.	1. Gives excellent surface softness & smoothness to all type of fabric substrates. 2. Outstanding effect from a long liquor when used in small amounts. 2. Outstanding effect from a long liquor when used in small amounts. 3. A continue of the second seco	Carboxylic acid amide derivative	Cationic
513.	511	GLOGARD-A-BC	Glogard-A-BC is durable, halogen free flame proofing agent for polyester fabrics, applicable by back coating methods on automotive textiles, upholstery fabrics and technical textiles	1. It has a high flame retardancy and water resistance. 2. It is haisgen & formaldehyele free. 3. It is noi-convoise, no objectionable odor or fumes in the plant, on the goods or during washing. 4. It is noi-convoise, no objectionable odor or fumes in the plant, on the goods or during washing. 5. It is marked to object and treated fabrics do not generate any fumes in charge in the plant of t	Acrylic binders & ammonium salt additives	Anionic
514	512	GLOGARD-BKW	Glogard-BKW is non-durable, halogen free flame retardant for 100% cotton and for natural and regenerated cellulosic fibers. It imparts flame and smoder retardant properties to woven and knitted fabrics made of pure cellulosic fibers.	1.The finish with Glogard-BKW gives some additional weight to the goods with a fuller handle.  2. It gives good flame- and glow-proofing properties to fabrics, knits and fiber bunches.  3. The flame resistance achieved with it is not resistant to washing and cleaning.  4. Finishes with Glogard-BKW are not suitable for textiles with direct skin contact.  5. It has no fiber affinity.	Mixture of inorganic salts	Anionic
5.5	513	GLOGARD-CT	Gagard-CT is an organe phosphorous compound for weak permanent, flame retardant finishing of textiles made from Polyester fibers, polyamide & blends.	I. Flame retardant for polysters, polysmide and its blend and PU coating.  2. High resistance to hundering and by cleaning.  3. Low volatility and good compatibility to major polymer.  4. Good retention of handle and drape after processing.  5. Non-toxic and high safety.  6. Readily combined with other additives such as water & oil repellent finish etc.  7. Meets low fogging requirement for automotive goods.  8. It should be pre-diluted with water.  9. Can be used either alone or in combination with acrylic / polyurethane binders.	Organo phosphorus compound	Nonionic/wealdy cationic
516	514	Glogard-MPP	Glogard-MPP is a halogen free flame retardant with very high thermal stability. It is based on melamine polyphosphate	1. Powder or solid form, stable property, convenient for transportation, storage and use.  21/ligh P-N content with appropriate proportion, excellent synergistic effect.  3. Glogard-MPP decomposition temperature is 2 360°C.	Melamine polyphosphate	Nonionic
518	515	GLOGARD-NDP	Glogard-NDP is a water-soluble, non-durable flame retardant for cellulosic, synthetics and their blended substrates. It is a non-hazardous, readily blodegradable & has no adverse effect on the environment.	I. It is durable to dry cleaning & not to washing.     21 it is suitable for woven, knitted and non-woven fabric substrates.     3.1 it imparts a soft handle.     4. It is Halogen free.	Phosphonic acid derivative	
510	516	GLOGARD-PES-168	Glogard-PES-168 is a dyebath applicable flame retardant enhancer, without giving any negative effect on colour fastness. The flame retardant is unique in allowing durable flame retardant properties to be transferred to polyester yarn and fabrics by simple exhaust techniques. Fabrics treated with it are used in alicraft. automotive & hotels.	I. It improves levelling-out of disperse dyes.     It is stable from pH ranging 3.0 – 11.0 and in hard waters up to 500 ppm CaCO3.     It Aids oligomer suppression	Aqueous solution of anionic surfactants	Anionic
520	517	GLOGARD-PES-X	Glogard-PS-X is a phosphorous based flame retardant for polyester in exhaust. It is applicable for 100% polyester and its belind with cellulosic, especially blends with wool. It is free from solvents and bromine.	process. 2. Can be used in combination with fluorescent whitening agents. No discoloration of white fabrics. A Provides as off and non-greasy handle. 4. It is suitable for loose stock, yarn or piece application at high temperature 4. It is suitable for loose stock, yarn or piece application at high temperature 5. To obtain flame retardant properties it can be added to the dyebath. This can be with or without the dyes. 6. Nor six of shade change due to extra thermofisation. 7. It is recommended to use Modlev-DPO (Disperser) to ease and ensure an evenly emulsification of the Glogard-PESX and thus to achieve the optimum result regarding flame retardant properties. 8. In atmospheric or under pressure, carrier can often be removed from a typical dyebath recipe when using Glogard-PESX and Modlev-DPO.	Based on phosphorus	Non-tonic
521	518	GLOGARD-SPU	Glogard-SPU is a permanent, phosphate ester based flame retardant for PVC & other polymer systems. 10 – 15 % is added in master batch or solvent system to achieve flame retardant properties.	Glogard-SPU is flame retardant for PVC, Rigid PU, Flexible PU, TPU, Epoxy resin, Phenolic resin.	Aryl phosphate	Nonionic / weakly anionic
522	519	GLOGARD SPW	Glogard-SPW is an organo phosphorous compound for wash permanent, flame retardant finishing of textiles made from Polyester fibers.	1. Flame retardant for polyester and PU coating. 2. Effect archieved is fast to washing & dry denning. 3. High resistance to laundering and dry denning. 4. Low volatility and good compatibility to major polymer. 5. Good retention of handle and drays after processing. 6. Non-concivy and high safety. 6. Non-concivy and high safety. 6. Non-concivy and high safety. 6. Most South of the safety o	Organo phosphorus compound	Nonionic
523	520 521	GLOGARD-URR GLOGARD-UNI	Glogard-UNI is durable, halogen free flame proofing agent for polyester fabrics and fits blend with cellulosic(IB0/20), applicable by back coating methods on automotive textiles, upholstery fabrics and technical textiles.	I. It has a high flamer retardancy and water resistance. 2. It is halogen & formaldehyde free. 3. It is non-corrosive, no objectionable odor or fumes in the plant, on the goods or during washing. 4. The finish is non-fogging and treated fabrics do not generate any fumes in storage.  Storage.  Here are the first of the plant of the first of	Carboxylate polymer & phosphorous compound	Anionic
524	522	GLOGARD-VR	Glogard-VR is an organic phosphorous halogen-free flame retardant having the dual functions of plasticizing and flame retardant. It can be used as a flame retardant for viscose fibre and has spin ability. For long and short flaments, adding Glogard-VR before spinning has permanent washing resistance.	I. It has the dual effects of plasticizing and flame retardant.     2. It effectively avoids the totic gas and corrosiveness generated by halogen flame retardants.     3. Fast heat absorption, full coverage, strong suppression performance can achieve fast flame retardancy.	Organo phosphorous compound	Nonionic

H	A 523	GLOGARD-VR-CONC	C Glogard-VR-Conc is a concentrated organic phosphorous halogen-free flame	D     I. It has the dual effects of plasticizing and flame retardant.	E Organo phosphorous	F Nonionic
526	323	diodrab-va-tone	origin to NP-Conc. So Literature Vision in principato dis maggire rite a name reterradant having the dual functions of plasticizing and flame retardant. It can be used as a flame retardant for viscose fibre and has spin ability. For long and short filaments, adding Glogard-VR-Conc before spinning has permanent washing resistance.	1.1 in as in twain critical, in plantituming aim name reactional.  It effectively avoids the toxic gas and corrosiveness generated by halogen fiame retardants.  3. Fast heat shoorption, full coverage, strong suppression performance can achieve fast fiame retardancy.  4. Free from organic phosphorous halogen.	compound	Notionic
527	524	LUBASSIST-109-ECO	Lubassiss-109-ECD is an anionic crease preventing agent / dyebath lubricant for weven and knitted fabrics. It is non-foaming and is suitable for jet dyeing units.	these fibers.  2. It is used in pretreatment, dyeing and after treatment.  3. Suitable for jet application.  4. Stable at temperatures up to 135°C.  5. Good stability to alkali and electrolytes.  6. Low foaming.	Fatty sulphonate preparation	Anionic
530	525	NEUTROX-PAT	Neutrox-PAT is a high performance composition designed for treating fabrics & garments from yellowing due to storage conditions	It is used as stabilizers in fiber production, textile processing and packing materials (e.g. polyethylene wrapping films, packing material in general).     It is low in cost and highly effective.	Sulfonic acid salt	Anionic
520	526	NOBAC-DBSP/CONC	Nobac-DBSP-Conc is a weakly anionic polyester copolymer dispersion. It is designed as an anti-redeposition, dispersing and suspending additive in standard garment wash.	I. It provides superior soil release properties to polyester and polyester/cotten fabrics.     I. It minimizes staining of pocketing and labels and keeping filling whiter.     3. It is enzyme compatible and used as a back stain preventing agent for denins and garment processing.     4. It is readily dispersible in water to allow for friendlier handling formulations.	Polyester co-polymer	Weakly anionic
530	527	NOBAC-ZB-PRO	Nobes-ZB-PBD & APED free with good detergency, excellent sol dispersing efficiency and westing properties. It has excellent dispersing, suspending and anti-redeposition properties instituting staining of procketing and labels and keeping filling whiter. The dispersing property of product minimizes likelihood of agglomeration, scaling and re-depositions of process solubilized contaminants. It is energy necompatible and issel as a back stain preventing agent for denims and garment processing.	It has good detergency and excellent soil-dispersing capacity. It is mainly used in household, industrial and institutional detergents and cleaners.  2. It performs well in heavy-duty laundry detergents in medium and high temperature ranges. It also improve the flowability of detergent powders.  3. It also performs very well in aqueous cleaner formitations and committees of water and organic selvergent powders.  3. It also performs very well in aqueous cleaner formitations and soft committees the properties of the design of the	Based on fatty alcohol ethoxylate	
531	528	PERMAFIN-5958	Permafin 5958 is Nano-dispersion self-crosslinking polyether polyurethane for high-grade finishing applications.	1. Nano-emulsion for optimal distribution over and penetration into the fabric. 2 Forms a film around and between fibers. 3. Yields unque properties and application possibilities. 4. Anti-pilling treatments. 5. Upgrade or Foss finish treatments. 6. Increased durability of selected softeners and resin finishes. 7. Durable hydrophilic finishes on all fibers. 8. Improved wer and dry rub fattness.	Water soluble polyurethane	Non-ionic
532	529	PERMAFIN-6576	Permafin-6576 is used in labelling processes (Transfer Coatings), direct application on fabric, spray application and rotograware.	I. It presents a strongly elastic film of high intensity and very soft.     2 High hydrolysis and temperature resistance.     3. Surfactants Few and low WC.     4. Stable in said and alkaline solutions.     5. Product has good stability if stored properly under normal conditions & away from sunlight.	Aliphatic Polyurethane dispersion	Non-ionic
532	530	PERMAPIN-6577	Permafin-6577 is used in labelling processes (Transfer Coatings), direct application on fabric, spray application and rotogravure.	I. Indication of use as adhesive for luminating the nubtrante. 2. Indicated as an adhesive for the High Solids in , due to its high performance. 3. Features a soft and elastic medium film. 4. Free from NMP or NEP. 5. Good resistance to hydrolysis and high temperatures. 6. Very suitable as an adhesive for transfer processes Coatings in general. 7. Product has good stability if stored properly under normal conditions & away from sunlight.	Aliphatic Polyurethane dispersion	Anionic
533	531	PERMAFIN-6578	Permafin-6578 is used in Transfer Coatings, direct application on fabric and rotogravure.	1.It presents a strongly elastic film of high intensity and medium hardness. 2. High resistance to hydrolysis and temperature. 3. Free of NMP and NEP. 4. Low VIC. 5. Product has good stability if stored properly under normal conditions & away from sunlight	Aliphatic Polyurethane dispersion	Anionic
535	532	PERMAFIN-6579	Permalin-6579 is used in Transfer Coatings, direct application on fabric by stenter, spray application and roto	I. It can be used by direct application or by transfer of silicone base.  21 can be used as a surface coating on PVC, as a colored coating on thermose plastics or se a protective coating on metallized ABS.  3. Free of NMP and NEP.  5. Free of NMP and NEP.  5. Excellent light fixtures.  5. Excellent light fixtures.  6. Excellent light fixtures.  6. Recommendation for end – use: Wood, Concrete, Metal, Concrete floor coating.	Aliphatic Polyurethane dispersion	Anionic
536	533	PERMAFIN-6663	Permafie-6663 is a one pack polyurchane-aliphatic resin dispersion designed to yield a costing system and allied products, requiring a high degree of acid, alialis and bousehold chemical resistance. It is resistant to impact, abrasion, UV; sain, evathering elements, sponification, high water, alcohol & cold cracking, it has an outstanding adhesion on various substrates. It has a low glass transition temperature and has a flexural endurance.	1. Suitable for mixed PU, PVC, articles. 2. It features a light-intensity, medium-soft elastic film with good anchorage on various substrates. 3. High temperature resistance. 4. It has good compatibility with the most common acrylic binders, but can be tested in advance. 5. It is compatible with the entire range of our polyurethane. 6. Product has good stability if stored properly under normal conditions & among the programming. 7. It is used in Pve Bain (can be tested as Skin too).	Aqueous dispersion of Urethane pre-polymer & aliphatic olefin	Non-ionic
537	534 535	PERMAFIN-6784 PERMAFIN-AAR	Permafin-AAR is a one pack polyurethane-aliphatic resin dispersion designed to yield a coating system and allied products, requiring a high degree of acid/alkali and household chemical resistance. It is resistant to impact, abrasion, UV, stain, weathering elements, saponification, high water, alcohol 6 cold cracking in this am outstanding adhesion to concrete. It has a low glass transition temperature and has a flexural endurance.	1. Tough (soft and flexible), clear and non-yellowing. 2. It has a low level of thermophasticity. 3. It is both chemical and abrasion resistant. 4. Elongation at Break - 500%, UTS-200 Kg/cm2. 5. Gloss at 45-45.	Urethane pre-polymer	Nonionic
530	536	PERMAFIN-BZ	Permafin-BZ is a softener for cellulosic fibers and their blends with synthetics.		Aliphatic polyester polyurethane dispersion in water	Anionic
540	537	PERMAFIN-BPE	Permafin-BPE is formaldehyde free, self-crosslinking, permanent polyether polywerblane polymer. It forms shighly elastic film around the fibers. The basic handle is soft shigh built. This properties form the basis for a number of applications.	1. Additive for low-formaldehyde resin finishing. 2. Handle modifying agent given full, soft handle. 3. Handle modifying agent given full, soft handle. 3. For the process of the state of	modified polyether polyurethane	Weakly cationic
541	538	PERMAPIN-EPU	Permafin-EPU is Nano-dispersion self-crosslinking polyether polyurethane for high-grade finishing applications	1. Nano-emulsion for optimal distribution over and penetration into the fabric. 2. Forms a film around and between fibers. 3. Yields unique properties and application possibilities. 4. Special finishing. 5. Can be used to obtain special handle modifications. 6. Anti-pilling treatments. 7. Upgrade or Fost finish treatments. 8. Increased durability of selected softeners and resin finishes. 9. Durable hydrophilic finishes on all fibers. 10. Improved wet and dry rub fastness.	Aqueous preparation of a modified polyether polyurethane	Non-ionic

	A 539	8 PERMAFIN-PSU	Permafin-PSII is a one pack polyurethane-alphatic resin dispersion designed to yield a costing system and allied products, requiring a high degree of acid/alkali and household chemical resistance. It is resistant to impact, abrasion, UV, stain, weathering elements, saponification, high water, alcohol & coid cracking. It has an outstanding ablesion to concrete. It has a low glass transition temperature and has a flexural endurance.	It has a low level of thermoplasticity.     It is both chemical and abrasion resistant.	E Urethane pre-polymer	F Nonionic
543	540	PERMAFIN-PU-107	Permafin-PU-107 is a one pack urethane-resin designed to yield a coating system and aillad products, having a very high degree of flexibility, household chemical resistance. It is resistant to fly of wet rule fastness; impact, abrasion, UV, stain, weathering elements, saponification, high water, alcohol & cold creaching, it has an outcampling administration to concrete. If has a low glass transition temperature and has a fleeural endurance.	1. It provides soft yet strong and high extension characteristics. 2. It provides an excellent film formation on any releasing paper. 3. Does not cause repelling and pin-boles during coating. 4. Provides stretch-back property of polyurethanies characteristics. 4. Provides stretch-back property of polyurethanies characteristics. 6. Excellent heat stability and against hydrolysis. 6. Excellent heat stability and against hydrolysis. 8. It yields a very stable emulsion, thus stable to the process. 8. It yields a very stable emulsion, thus stable to the process. 9. It has a low level of thermoplasticity. 10. Elongation at Break-600%, UTS-175 Kg/cm2. 11. It is non-hazardous and non-toxic, thus Ecofriendly.	Polyurethane resin	Anionic
544	541	PERMAFIN-PU-339	Permafin-PU-339 forms a tough, flexible, non-tacky and transparent film. It is single component water dispersed polyurethane coating having medium hard properties for use in the formulation of undercoats, adhesives, coatings, binders &finish coating.	I. It can be used with pigments & fillers.     2. It has good tensile, tear strength, high elongation & Good gloss properties.     3. Gives medium hard surfaces with excellent mechanical properties and high water resistance.	Aliphatic Polyester Urethane	Anionic
5.45	542	PERMAFIN-PU-4122	Permafine PII-4122 is a single pack allyhatic urethan-resin designed to yield a custing system and alled products with a month on file (requiring a high degree of Flexibility), household chemical resistance, abrasion and impact resistance, dry & wet rub fastness stain resistance feurule endurance flexibility. In degradation resistance to weathering elements, ultra violet ray rability, high water resistance, cold cracking resistance, outstanding adhesion, low glass transition temperature and spopnishicator resistance.	I. It forms a very soft, non-tacky and highly elastic film with excellent light featness.     I. It does not contain organic solvents.     I. It does not contain organic solvents.     I. It is well time to with pigments.     It is well timed with pigments.	Aliphatic urethane-resin	Anionic
343	543	PERMAFIN-WCO	and household chemical resistance.	1. Tough (soft and flexible), clear and non-yellowing. 2. It has a low level of thermoplasticity. 3. It but he chemical and abresion resistant. 4. Elongation at Break - 500%, UTS-200 Kg/cm2. 5. Gloss at 45-45.	Urethane pre-polymer	
34b	544	PERMAFIN-PUM	Permafin-PIJM is formaldehyde free, self-crosslinking permanent polyether polywerbane polymer. It forms a highly elastic film around the fibers. The basic handle is soft Rhigh bulk. This properties form the basis for a number of applications	1. Additive for low-formaldehyde resin flaishing. 2. Handie modifying agent given full, soft handle. 3. Additive for post-cur resin finishing. 4. For use in felt-free finishes. 5. Improves abrasion resistance and rub fastness. 6. Reduces pilling. 7. Fiber-bonding agent. 8. Very good absorbency & can be used for moisture management & cool finish.	Aqueous preparation of a modified polyether polyurethane	Weakly cationic
547	545	PERMAFIN-SAR/Conc	Permafin-SAR-Conc is a reactive concentrated polyurethane resin emulsion for finishing of various limits of textile fabrics. The polyurethanes are mainly used for anticevase and anti-shrinkage finish of 17/C, 19/V, cotton and other fabrics	1. It gives excellent softness to rayon, polyester/rayon and polyester/cotton labrics.  In the control of the c	Polyurethane resin	Amphoteric
540	546	PERMAPIN-SLR	Permain-S.A is self-evocalishing polyuverhane for finishing technical testiles, antiable for all the types or filter blends. It reduces the tendency to pill and saag, It increases resilience and elastic recovery. It forms a very soft, elastic, opaque and tack-free film.	18.6h, reducing pilling and enhancing resistance to Veloro tape. 2. Improves tear strength, tesulast strength and abrasion resistance. 3. Sustable for chinst Insishes durable to washing. 4. Improves the crosse recovery when used in resin finish. 5. Improves the dry rub-fastness. 6. Resistant to washing and dry cleaning. 7. Does not affect the hydrophilic properties of the finished fabric. 8. Forms a very soft, elastic, transparent and tuck-free film. 9. It is free from hydrosulphite and hence no negative effect on dyes. 10. Free from formaldebyde and organization compounds.	Reactive polyether polyurethane	Non-ionic
343	547	PROFINISH-AC	Profinich-Ac is an excellent autitatic, onfensing & hubricating agent for synthetic & their blended fabrics: It imparts a solo bully hand coupled with excellent static dissipation & lubricity. It eliminates yarn breakage, fly & pilling in the lustiting process. It is a durable non-yellowing & substantive agent recommended for Acrylics, polyester, polyamide cellulosic & their blends	1. Non-yellowing oevoch resistant anti-stat & lubricant for synthetics. 2. A very soft warm bulley & non-gressy handle. 3. Improved tear strength, abrasion resistance, writide recovery & sewability. 4. Prometes knit processing by reducing yarn breakage, fly & piling. 5. No influence in dyeing properties of archite filter switt actionic dyes. 6. No retarding action on cattonic dyes & does not block their exhaustion. 7. Does not promote filtration even on eight materials. 9. Durable finish stable to several washing & laundering cycles.	Fatty acid Polyamine condensate	Cationic
550	548	PROFINISH-HONI/CONC	Profinish-HDNI-Conc is a fine dispersion of high density aliphatic polyolefin (Hard polyethylene was.). It is a handle modifier and seviability improver for testile goods of all types.	It is maintaine gloss.  A reduces coefficient of friction & enhances rub & scratch resistance.  A reduces coefficient of friction & enhances rub & scratch resistance.  A reduces over the secondary of the screen and knitted fabrics & minimizes seam slapping.  4. It produces a very soft, smooth handle & facilitates making up operations.  5. It improves the teat strength & abraion resistance of resin finished goods and the effect on raised goods.  6. It eases needle penetration considerably when needling non-woven and descriptions of the screen reduces and the screen reduced to the screen reduces the screen reduced to the screen redu	Aqueous dispersion of alliphatic polyolefin	Wealdy cationic / non-ionic
557	549	PROFINISH-HDPE	Profinish-HDPE is a fine dispersion of high density aliphatic polyolefin (Hard polyethylene wax). It is a handle modifier and sewability improver for textile goods of all types	1. It maintains gloss. 2. It reduces coefficient of friction & enhances rub & scratch resistance. 3. It distinctly improves the sewability of woven and knitted fabrics & minimizes seam slipping. 4. It produces a very soft, smooth handle & facilitates making up operations. 5. It improves the tear strength & abrasion resistance of resin finished goods and the effect or a rusade goods. 6. It easies needle penetration considerably when needling non-woven and felsx. 7. It is low-foaming, therefore suitable for application in jets.	Aqueous dispersion of alliphatic polyolefin	Non-ionic
553	550	PROFINISH-LU/CONC	Profinish-LII-Conc is a non-ionic crease prevention agent/dyebath lubricant for woven and kinited goods made of all types of natural and synthetic filters and their blends for use in pretreatment, dyebath and after treatment.	1. Non-foaming. 2. High resistance to alkali and electrolytes. 3. Sitable for application on jet dyving units (cationic and anionic liquors). 4. Can be diluted with cold water, forms stable stock solutions. 4. Can be diluted with cold water, forms stable stock solutions. below the stable of the	Fatty acid ester preparation	Non-ionic
554	551	PROFINISH-M-HD	Profinish-HID is a fine dispersion of high density aliphatic polyolefin (Hard polyolefin), and the same property-lement of the same property of the s	I. Designed for application by padding & exhaust methods in short liquor jets.  2.1 maintains gloss.  3.1 reduces coefficient of friction & enhances rub & scratch resistance.  4.1 distinctly improves the seveability of woven and knitted fabrics & minimizes seam slipping.  5. It does not affect the whiteness of brightened goods.  6. It does not affect the whiteness of brightened goods.  6. It does not affect the whiteness of brightened goods.  8. It does not affect the whiteness of brightened goods.  8. It cases needle penetration considerably when needling non-woven and felts.  9. It is low-foaming, therefore suitable for application in jets.	Polyethyene wax derivatives	Weakly cationic / non-ionic

A 552	PROFINISH-NF	C Profinish-NF is a cationic sewability improver for textile fabrics of cellulosic,	D     Specially designed for application by the exhaust method in short linuor	E Aqueous dispersion of	F Cationic
<i>332</i>		synthetic or wool fibers and their blends.	jets.  2. Improves the sewability of textile fabrics, especially knitwear.  3.Imparts an excellent soft handle. Facilitates garments manufacture.  4. Is easy to handle.	aliphatic polyolefin	Carone
			<ol><li>Is low-foaming, therefore suitable for application in jets.</li></ol>		
553	PROFINISH-NI-SPL/CONC	Profinish-NI-SPL-Conc is a non-yellowing, non ionic softener,	1. ® Does not adversely affect the soiling properties of synthetics or cellulosic and can be used alongside Aquasorb in an anti-soiling finish.  2. scorch-resistant softener for application to cottons, cellulosic and their blends with polyester; the finished fabrics also achieve a smooth silky hand.	Based on fatty acid esters	Non-ionic
EEA	DECEMBER AND	Destinate MDC is a user usering and softening agent for the finishing of young	1 Fay the Brighing of young made of grathetic fibers used and blands of	Baraffin way /fatty acid	Weakly cationic
554	PROFINISH-NPF	Profunds-NP is a wet waxing and softening agent for the finishing of yarns made of synthetic fibers, wool and their blends.	L ror the minsting of yarns made of synthetic notes, wood and blends of these, also suitable for cellulois (fiber for cellulois (fiber of cellulois (fiber of cellulois (fiber of the office of the of	Paratin wax/fatty acid amide	weakiy cationic
555	PROFINISH-NS-100	Profinish-NS-100 is a non-ionic softener which gives property of softening and smoothness to all kinds of cotton and synthetic fabrics.	I. It imparts a soft smooth and pleasing handle to the treated fabrics.     It also imparts a silky feel on cotton, rayon silk and their blends.	Fatty acid ethoxylate	Non-ionic
556	PROFINISH-PE	Profinish-PE is a non-ionic polyethylene emulsion used as softener to give body building properties to the fabrics.	I. It increases the tear strength and abrasion resistance of fabrics treated with resins.  2. It can be use alone as a softener or along with non-ionic softener like Modfinish-N-200 and or with Silicone Emulsion PMH to give excellent	Based on non-ionic polyethylene emulsion	Non-ionic
			<ol> <li>Since Profinish-PE is non-chlorine retentive it does not yellow at the baking temperature employed in the finishing process.</li> </ol>		
557	PROFINISH-PHD	Profinish-PHD is a fine dispersion of high density aliphatic polyolefin (Hard polyothylene wax). It is a handle modifier and sewability improver for textile goods of all types.	1. Designed for application by padding & exhaust methods in short liquor jets. 2. It maintains gold. 2. It maintains gold. 3. It reduces coefficient of friction & enhances rub & scratch resistance.  4. It distinctly improves the sewability of woven and knitted fabrics & minimizes seam slipping.  5. It produces a very soft, smooth handle & facilitates making up operations.  6. It does not affect the whiteness of brightened goods.  7. It improves the text strength & hardson resistance of resin finished goods and the feet on raised goods.  8. It cases needle penetration considerably when needling non-woven and left.  9. It is low-foaming, therefore suitable for application in jets.	Aqueous dispersion of aliphatic polyolefin	Weakly cationic
EEO	BROGINICH BOD	Profinish AE is a coftoning agent to improve countility of open and young	1 Fox collulacies used and blands of those fibore with conthetics	Eatty acid condensation	Cationic
330	FAUTHALIFUE	Fromisir-Va is a sometting agent to improve sewaring or oper-tim yants.	1-to centusts, wood and orented to these lones with a planetus.  2. Improves sewalfly, expecially of poper end yarns.  3. Improves the elasticity of knitted fabrics.  4. Extremely smooth, silly handle.  5. Suitable for jet application.  6. Low foaming.	product/ polyethylene derivative	Catonia
559	PROFINISH-SKL	Profinish-SKL is a softener for cellulosic fibers and their blends with synthetics.	1. Very good softening effects, also on mercerized cotton. 2. No impairment of hydrophilic properties. 3. Promotes mechanical shrinkage of knitwear. 4. Suitable for pretreatment of prints. 5. Suitable for outlet goods. 6. Single-bath application in connection with fluorescent whitening agents. 7. Improvement of sewability.	Based on quaternary ammonium softener & silicone	Cationic
560	PROFINISH-SVN	Profinish-SVN is fine polyethylene dispersion (Hard polyethylene wax). It	1 Improve sewing performance-	Polyethylene dispersion	Non-ionic
		smooth hand at the same time, without sublimation and thermal migration, without affecting the whiteness, and can greatly improve the fluffing effect. It is suitable for padding process	performance of lanited and other structured textiles. The fibers or yarns of the treated fabric can silice of the seveing needle very easily, reducing the friction between fibers' metals. This allows the fabric to be easily threaded friction between fibers' metals. This allows the fabric to be easily threaded problems such as books, needle damage, and needle thread breakage on high-speed sewing machines can be largely avoided. 2 Feel: It imparts a smooth, smooth, so oft hand to the fabric. This lend of performance is not only very popular with garment sewers, but also very popular with consumers. It can also be used in the same bath with other softeners and silicone elastomers to obtain a different same bath with other softeners and silicone elastomers to obtain a different fabrics. Silicone white goods: It does not affect the whiteness of brightened fabrics.		
561	PROFINISH-TS-NI	Profinish-TS-NI is a fine dispersion of high density polyethylene wax (Hard	Eases needle penetration considerably when needling non-woven and	Polyethylene wax emulsion	Weakly cationic / non-ionic
		polyethylene wax). Non-ionic softener and sewability improver for textile goods for all types of fibers.	felts 2. Decreases coefficient of friction. 3. Enhanced rub & scratch resistance. 4. High melting opinits ewability of woven and knitted fabrics. 5. Distinctly improves the swability of woven and knitted fabrics. 6. Produces a very off, smooth handle. 7. Facilitates making up operations. 8. Does not affect the whiteness of brightened goods. 9. Improves the abrasion resistance of resin finished goods. 10. Notteably improves the effect on raised goods.		
562	QUENCH-IVS	Quench-IVS helps in protecting the indigo-dyed denim against yellowing and for preventing storage yellowing on polyamide. It improves the ozone and gas fume fastness properties of indigo-dyed denim	It is shows good resistance to salt, acid and alkalis.     It is resistant to hard water in long baths.     It is resistant to hard water in long baths.     It is a rescaled reserving agent when dyeing nylon/cotton blends.     It improves the west fastness of PA dyed with all common dye classes.     S. Ader resistance in long-row the west dathness of prints on PA.     Boes not impair light fastness.	Alkyl aryl sulphonate	Anionic
563	QUENCH-UWP	Quench-JUPP is highly effective fiber stabilizer for reducing yellowing of polyamide and PA blends during exposure of any kind of heat.	1. It prevents especially the yellowing during molding and heat setting processes. 2. It protects all types of polyamide fibers and their blends with elastomer fibers against oxidative damage, thus reducing yellowing due to thermic and photochemical influence. 3. Avoids yellowing of optical brightened polyamide and it blends during heat setting or molding processes. 4. Prevents shade changes of pastel dyed polyamide and its blends during heat setting or molding treatments. 5. Highly effective even in small amounts.	Carboxylic acid derivative	Non-ionic
564	SANIGUARD-500	Sanguaré-500 (san anti-microbial agent imparts durable, livead spectrum, blo- static activity to the surface of a vide servicy of substrates it la leach resistant & non-nigrating & is not consumed by microorganisms. Effective against gram positive & gram negative bacteria, fungi, algae & yeast's	It is an anti-microbial agent imparts durable broad spectrum, bio-static activity to the author of wide variety of substrates.  2. It is non-leach & non-migrating & is not consumed by microorganisms.  3. It is effective against gram positive and gram-negative bacteria, fungl, algae & yeasts. Anti-microbial action is exhibited on contact in the presence of the pres	Silane quaternary ammonium compound	Cattonic
565	SANIGUARD-7500-72	Sanguard 7500r.72 is a potent anti-Basterial, Anti-Viral, Anti-Vir	It is dramble anti-microbial importing broad spectrum, bio-static activity to the surface of wide variety of substrates.  2 it is non-leading & non-migrating & is not consumed by microorganisms. 3. it is effective against gram positive and gram-negative bacteria, fingt, algae & yeasts. Anti-microbial action is exhibited on contact in the presence of moisture. 4. Prevents deterioration & discoloration caused by bacteria, fungt, algae & yeasts. 2. Second of the property of th	Silane quat ammonium compound	Cationic
	553 554 555 556 556 557 558 560 561		production or wood filters and their Mends.  Profitable NI GPL Case is a new yellowing, non into software,  Profitable NI GPL Case is a new yellowing, non into software,  Profitable NI GPL Case is a new yellowing, non into software,  Profitable NI GPL is a very receiving and software part for the finishing of years made of yepshotic filters, wood and their blook.  Profitable NI GPL is a new season software which given property of softwaring and software in the finishing of the	Part   Part	problem on the format familiation.    The company of the company o

П	A	SANICHARD 7500 M	C Continued 7500 M to a patent A - V Post and A - V	D	E Silono quet	F
569	566	SANIGUARD-7500-M	Saniguard-7500-M is a potent Ant-Bacterial, Anti-Viral, Anti-Fangal, Anti-Modd, Anti-Yeast & Anti-Fordin.  It is a broadspectrum, non-leaching, non-rook, durable antimicrobial. It is bydrophoble, non-migrating & is not consumed by microorganisms bydrophoble, non-migrating & is not consumed by microorganisms.	1. It is durable, nontoxic antimicrobial imparting broad spectrum, bio-static activity to the surface of a volde variety of substrates.  2. It is non-leaching, non-migrating & is not consumed by microorganisms.  3. It is effective against gram positive and gram-negative bacteria, fungi, viruses, Modd, algae & yeasts.  4. Prevents deterrization & discoloration caused by bacteria, fungi, algae & Prevents deterrization & discoloration caused by bacteria, fungi, algae & S. Prolongs the life of an article by inhibiting the growth of bacteria and mildew.  6. It provides hygienic freshness. It resists odors through chemical protection.  7. It retains the freshness of an article by hinbiting or resisting the growth of odor causing bacterial and mildew (fungus).	Silane quat ammonium compound	Cationic
	567	SANIGUARD ACTIVE	Saniguard Active is durable non-hydrophobic anti-microbial agent imparts durable, brand spectrum, bio-static activity to the surface of a wide variety of substrates! It is leach resistant & non-migrating & is not consumed by microorganisms. If flettive against gram positive & gram negative bacteria, fungi, algue & yesest's	1. It is durable non-hydrophobic anti-microbial agent imparts durable, broad spectrum, blo-static activity to the surface of wide variety of substrates.  2. It is non-leach & non-migrating & is not consumed by microorganisms.  3. It is effective against gram positive and gram-negative bacteria, fung, aliga & yeasts. Anti-microbial action is exhibited on contact in the presence of moisture.  4. Prevents deterioration & discoloration caused by bacteria, fung, algae & yeasts. Support of the properties of the provided by anti-properties of the provided by the properties of the provided by the properties of the provided by the properties of the provided by given it resists of the strong chemical protection. 7. It retains the freshness of an article by inhibiting or resisting the growth of office causing bacterial and middew (fungus).  8. Does not impair hydrophilicity of treated fabric.	Slane quaternary ammonium compound	Cattonic
570	568	SANIGUARD-RTU	Saniguard-RTU is a powerful anti-microbial when appropriately used, effectively inhibits the growth of bacteria, fungl, yeasts and viruses on the treated surface of most substrates based on hospital clinical trails and independent studies.	1. It is a water-based, contains no harsh solvents. 2. Bleach-free & alcohol-free. 3. Will not leach or wash off once applied. 4. Nor Bimmable. 4. Nor Bimmable. 6. Nor Bimmable. 6. It can be used on almost any surface and are tailored for consumer packaged goods and remediation as effective user-friendly, end-use products. 7. It is ideal for a wide variety of usages in different markets and is water-based and environmentally-friendly. 8. It can be used on cell phones, scrubb, masks, medical textiles, PPEs, medical equipment, stethoscopes etc. 9. Effectively inhibits the growth of bacteria, fungi, yeasts and certain viruses on the treated surfaces of most substrates based on hospital clinical trials and independent studies or suffices, or growth of the production of the sufficient of the sufficient of the production of the sufficient of the surface. It also prevents deterioration caused by these bacteria.	Silane quat ammonium compound	Cationic
5/1	569	SANIGUARD-ZOM	Saniguard-ZOM possesses high activity, broad spectrum antimicrobial properties (against bacteria, fungi, and algaecide). It offers antimicrobial protection in the wet and in the dry film state.	I. It is a color stable, fine particle dispersion (in water) of zinc pyrithione.     2. It inhibits the growth of fangs, both yeasts and molds.     3. It inhibits the growth of algae.     4. It inhibits the growth of a broad spectrum of both Gram positive and Gram negative bacteria	Zinc omadine / zinc complex of pyrithione	Non-ionic
	570	SANIGUARD-ZP-D	Saniguart-ZP-D is used as a hygienic finish for textile protection against house dust mites, mildew and rotting. It has highly efficient anti-microbial & anti-fungal properties.	I. Material protection: The development of mold stains is thoroughly stopped.  2. Combination with a hydrophobic agent can achieve rot-resistance.  3. Carability, Microbial damage on the fibers is prevented and their functional properties preserved; the useful life of a consumer article is considerably of the control of	Pyrithione derivative	Weakly Anionic / Non-ionic
573	571	SANIGUARD-ZP-PDR	Saniguard-ZP-PDR is used as a hygienic finish for textile protection against house dust mites, mildew and rotting. It has highly efficient anti-microbial & antifungal properties.	1. Material protection: The development of mold stains is thoroughly stopped.  2. Combination with a hydrophobic agent can achieve rot-resistance.  3. Carability. Microbial diamage on the fibers is prevented and their functional properties preserved, the useful life of consumer articles considerably 4. Treated textiles are protected from unpleasant odors and offer greater comfort.  5. Broad spectrum of antimicrobial activity against mildew, yeast, bacteria as well as an excellent effect against MRA.  6. Good thermal and chemical stability.  7. Sultable for all substrates and good compatibility with numerous textile chemicals (fluorocarbons, binders, softeners, etc.)  8. Water-based, obsent-free formula without AOX and dermatologically safe.  9. Application in exhaust, padding and in the dye bath.	Pyrithione derivative	Nonionic
575	572	SANIGUARD-ZP-X	Saniguard-JP-X is used as a hygienic finish for textile protection against house dust mites, mildew and rotting. It has highly efficient anti-microbial & anti-fungal properties.	I. Material protection: The development of mold stains is thoroughly capped.  2. Combination with a hydrophobic agent can achieve rot-resistance.  3. Curability. Prichoid damage on the fibers is prevented and their functional properties preserved; the useful life of a consumer article is considerably long-tensional properties preserved; the useful life of a consumer article is considerably long-tensional common to the combination of the combinati	Pyrithione derivative	Non-ionic
2/5	573	STABILITE-OMC	Subilize-DMC is a durable before videa protection finish to fabric. It is a very trood spectrum Uniter with max absorption in the UVB region and some in the UVA region of the UF spectrum.	Enradiulty of minimum 15 weshes depending upon required application.  2. As a spikition is recommended only no oplumaties a givelon wood, allies and actylists. Combination of it with a binder is required for giving durable finish on cotton, polyester, rayon etc.  3. It can be used in Sizing press for Paper applications for closed loop system and also within printing ink passes.  4. Encapsulation makes it safer to handle and safer for the environment as unregulated finishing into the waterbodies can be avoided. It is expected to be safer on the slin and safer for the marine environment.		Weakly anionic
576	574	STABILITE-UVC	Stabilite-UVC is a light fastness improver for polyester and cotton fabrics.	1. It is a product newly developed as a light fastness improving agent for use on polyester fabric (disperse dyes for regular polyester, cationic dye for CD polyester) and maps when applied with dyeath superior light fastness are evaluated by 83°C x 200 – 300 hrs. tests on light emperature fade – meter. 2. It is featured with light temperature lighters of the strength of the stre	Preparation of benzotriazole	Nonionic
577	575	SYLAST-11903	Sylast: 11903 is a hydrocarbon and antistat based product for application as a lubricant for sewing threads, yarns and fibers. It is suitable for all types of synthetic textiles and blends.	Excellent heat protection and improved performance at high needle temperatures thus suitable for High temperature application systems.     Reduces coefficient of friction with improved luster.     3.1 is efficient for high speed sewing lines.     4.1 is low in odd.     5.1 it reduces splashing during application and ensures skin and lump formation in the bath as found in aqueous systems.	Complex blend of paraffin and surfactants	Nonionic

_		P		<b>I</b>		E
579	576	SYLAST-FIIS	Sylast-FIS is used as a wet wastig of faciliting, some builting, and working yarns. Universal in use for all types of fibers, especially for textured PES yarns.	Labricant easy in use for the exhaust method. 2. Very good gliding properties of the lubricated yarns with low friction coefficients. 3. Even lubrication along the whole bobbin cross section. 4. Greatly reduced static charge. 5. Even lubrication along the whole bobbin cross section. 5. Even lubrication along the whole bobbin cross section. 6. Even lubrication along the whole bobbin cross section. 6. Even lubrication along the whole bobbin cross section. 6. Even lubrication along the section of th	Emulsion of paraffin waxes	Weakly cationic / non-ionic
580	577	SYLAST-LDK	Sylast-LDK is an anionic crosse preventing agent / dyebath lubricant for woven and lmitted fabrics. It is non-foaming and is suitable for jet dyeing units.	Lit is used for cellulosic fibers, wool, polyamide, polyester and blends of these fibers.  2. It is used in pretreatment, dyeing and after treatment.  3. Stailable for jet application.  4. Stable at temperatures up to 135°C.  5. Good stability to alkalia and electrolytes.  6. Low foaming.	Fatty sulphonate preparation	Anionic
581	578	SYLAST-NATL	Sylast-NATL is a water free hibricant for application by cold lick roller or dosing numps at a flash wholen. The libricant is suitable for all types of sewing threads, particularly for PES/CO & CO & embroidery yarns made from CV & PES. A pickup of 4-6% is recommended.	I. I gives very good smoothing properties with low level of tension peaks over thread guide & tensioning devices.     I. It provides protection against heat & very good sevability.     Prevents static charge.     4. Shows no yellowing when exposed to nitrogen oxides during storage.     5. Does not contaminate waste water when correctly used	Water free formulation of silicone, waxes & additives	Nonionic
582	579	SYLAST-PYL	Sylast-PT.Ls a hydrocurbon and antistat based product for application as a labericant for seeing threads, yarns and fibers. It is suitable for all types of synthetic textiles and blends	Lixcellent heat protection and improved performance at high needle temperatures than stailable for High temperature application systems.  2. Reduces coefficient of friction with improved luster.  3. It is efficient for high speed sewing limites.  4. It is low in odor.  5. It reduces a plashing during application and ensures skin and lump formation in the bath as found in aqueous systems.	Complex blend of paraffin and surfactants	Nonionic
583	580	SYLAST-SBL	Sylast-SBL is a polysiloxune based product for application as sewing thread lubricant. It is suitable for all types of synthetic textiles and blends.	Lixcellent heat protection and improved performance at high needle temperatures the suitable for fligh temperature application systems. 2. Reduces coefficient of friction with improved luster. 3.1 is efficient for high speed sewing limes. 4.1 is low in odor. 5.1 is reduced to pulsa peed sewing limes. 5.1 is reduced to place high speed sewing limes. 6.1 is reduced to the proposed	Based on polysiloxane	Nonionic
584	581	SYLAST-SEW	Sylast-SEW is a fine dispersion of high density aliphatic polyolefin (Hard polyethylene wax) & softeners. It is a handle modifier and sewability improver for textile goods of all types.	Decreases coefficient of friction.     Distinctly improves the sewability of woven and knitted fabrics.     3-Redittates making up operations.     4 improves the abrasion resistance of resin finished goods.     Roviceabily improves the effect on raised goods.     Stockneabily improves the effect on raised goods.     9. Esses needle penetration considerably when needling non-woven and felts.     10. Improvement of sewability & Improved dimensional stability.	Wax and specialty surfactant	Weakly cationic / non-ionic
585	582	SYLAST-WWTS	Sylast-WWTS is a fine dispersion of high density allphatic polyodefin (Hard polyothylene way). It is a handle modifier and sewability improver for textile goods of all types.	1. Designed for application by padding & exhaust methods in short liquor jets.  2.1 martians jobs. 2.1 martians jobs.  3.1 methods: a first of friction & enhances rub & scratch resistance.  4.1 distinctly improves the sevability of woven and lainted fabrics & minimizer seem dipping.  5.1 minimizer seem dipping.  6.1 distinct of the service of the first seem dipping operations.  6.1 distinct of the service of	Aqueous dispersion of aliphatic polyolefin	Weakly cationic
586	583	TRIPLEX-HB	Triplex-HB is a non-ionic self-cross linking polymer emulsion which is used in variety of textile & non-woven textile applications.	I. It has excilent athesion to a wide variety of substrates and outstanding uttra-violet light resistance.  2. It is used in formulating laminating adhesives for bonding a wide variety of substrates.  3. Triples-HB is recommended for use in fishric flinishing, pigment printing appropriating first printing and printi	Acrylic copolymer	Non-ionic /weakly anionic
E07	584	TRIPLEX-K-60	Triplex-K-60 is a cross linked acid polymer used to produce an excellent thickner for effective pigment and dye printing. It is also effective as a touch up thickener to prevent migration.	I. It has an excellent durability while washing and dry cleaning. 2. Can also be used as a sizing agent for nylon/polyester and acetate yarn filaments. 3. Exhibits excellent adhesion. 4. Is also recommended for fabric back coating, fabric finishing and lamination. 5. Is a soft durable self-cross linking emulsion for pigment printing on machine and Serven.	Cross linked acrylic emulsion co-polymer	Anionic
588	585	TRIPLEX-SB	Triplex-SB is an Accylate based pigment printing binder for direct, discharge & resist printing. It is a free flowing & self-crossliniting Acrylic Ga-polymer emulsion with excellent thermal & mechanical stability	1. Production of prints with brilliant prints & excellent standard of fastness including dy cleaning. 2 off a pleasing handle. Good rubbing fastness results. 3. Increase in fishric strength. Resistance to solling. 4. Resistant to was divariant sensiting to longer life of fabric. 5. Ediblints one-dubling & good re-emissification properties. 6. Good faric-bonding. 7. Excellent bonding agents for pigment resulting in permanent wash & rub fastness.	Aqueous dispersion of Acrylic polymer	Anionic
589	586	TRISTAR-AS	Tristan-XS is a cross linked acid polymer used to produce an excellent thickener for effective pigment and dye printing. It is also effective as a touch up thickener to prevent migration.	1. His an excellent durability while washing and dry cleaning. 2. Can also be used a a string agent for nylon/polyester and acetate yarn flushes. 3. Eds halve excellent adhesion. 4. Eds halve recommended for fabric back coating, fabric finishing and lumination. 5. Es a soft durable self-cross linking emulsion for pigment printing on meltine and screen.	Cross linked acrylic emulsion co-polymer	Anionic
	587	TRISTAR-RCT	Tristar-RCT is a pre-catalyzed low-formaldehyde, wash fast resin finishing for woven and initted fabrics composed of cellulosic fiber and their blends with synthetic.	I. Good dry & wet crease angle. 2. Low shrinking values. 3. No choirne reservation. 4. No gard: like older formation. 5. Very good stability to hydrolysis. 6. Soft handle. 7. The finishing effects have good fastness to washing and dry cleaning. 8. In built catalyst.	Modified dimethylol dihydroxyethylene urea	Weakly cationic
590	588	TRISTAR-SA	Tristar-SA reduces the drying time and increases the production capacity on 3D machines like Margarta. It increases the gray cast and shiny look on denim together with wrinkle resins.	I. It increases the gray cast and shiny look on denim together with 2D & 3D resins.     Enables an easy scraping effect on denim with better contrast.     3. It increases the wash permanency of 3D resin effects on denim.     4. Easy to remove from the fabric by washing prior to crosslinking.	Polymeric compound	Non-ionic
592	589 590	Allenot-AFF ALLENOL-ARW	Allenoi-ARW It is a anionic high performance, low-foaming detergent, designed for scouring & bleaching of cotton and synthetic fibers in machines of high liquor turbulence, get, let Overflow & Package dyeing machines. Sutable for continuous & discontinuous bleaching range. APEO free	1.Smoother running of ropes, less floation, leading to fewer tangles and more efficient jump performance. 2. Uniform extraction of oils and waxes providing consistently clean foundation for level dying or whiter whites. 3. Improved reproducibility, "well prepared is half-dyed". 4. Good emulifying properties for butting and wewing libricants, oils and S. Good soil suspending and anti-re-deposition properties. 6. Low odor, no unpleasant smell.	surfactants	
594	591	ALLENOL-AWA	Allenoi-AWA is a synthetic detergent possessing powerful wetting and detergent properties. It is eminently suitable for diver boiling soaping of dyed goods and wetting out of grey textile prior to dyeing.	1. It is very efficient as Ker-bolling assistant. 2. It can be used for scouring of all testelle materials in view of its outstanding wetting (detergent action. 3. It is ideal for the 'sompier' of dyed goods. 4. It is most suitable for pre-wetting of grey testiles prior to dyeing. 5. It can also be used for pasting of dyestuff powders such as vats, azoics, etc. 6. Not suitable for cationic dyes.	Blend of anionic & non ionic surfactants	Anionic

$\Box$	A 592	ALLENOL-DLS	C C	D	E E	F
	592	ALLENOL-DLS	Allenol-DLS has an excellent wetting power over the wide pH and temperature range. It exhibits outstanding detergent effect. It has very good emulsifying	Very good wetting and detergent action.     Excellent dispersing and emulsifying properties.	Ethoxylate & blend	Non-ionic
			properties. It is stable to alkalis and acids, hence an ideal scouring and milling	3. Stable to alkaline and acidic liquors.		
1			agent for wool.	Stable to metal salts and hard water.     Smooth and trouble free running of the goods.		
				Sincoth and trouble if ee'r tilling of the goods.     Very good removal of oily and greasy impurities. Universal application.		
595						
333	593	ALLENOL-IMR	Allenol-IMR is a non-cresylic alkali soluble wetting / penetrating agent for use in	1. Is an excellent wetting and penetrating agent in caustic solutions at	Complex anionic surfactant	Anionic
			mercerizing and causticizing liquors. It is highly efficient on grey cotton yarn	mercerizing concentrations of 42-52° TW.		
			and fabric even when the mercerizing treatment is carried out at room temperature	Shows negligible foam in caustic soda liquors.     Is free from handling hazards in like cresylic based products.		
				4. Promotes high degree of mercerization / causticization of cellulosic grey		
				yarn and fabrics rendering optimum luster and dyeability.		
596						
	594	ALLENOL-KMR	Allenol-KMR is a specialty scouring agent based on APEO Free surfactants for	Is free from chlorinated solvents and banned/ harmful chemicals.	Alkoxylated fatty alcohol	Non-ionic
			the removal of silicone oil, and wax based residues from cottons, synthetics and their blends with spandex/lycra.	<ol><li>Is a powerful cleaning agent even at ambient temperatures to remove oily contamination from all substrates, ensuring clear and uniform dyeing's.</li></ol>		
				3. Does not contain alkyl phenol ethoxylates (APEO-free auxiliary) and has		
				minimum effluent problems.		
				<ol> <li>Is suitable for batch wise application and in continuous processing ranges.</li> </ol>		
597	595	ALLENOL-LFWA	Allenol-LFWA is a low foaming wetting agent and detergent with very good re-	Very good detergency and emulsifying power.	Synergetic preparation of	Non-ionic
			wetting action and extremely low foaming, for discontinuous & continuous	2.Good wetting properties.	special surfactants	
			pretreatment processes on cellulosic and their blends with synthetics.	Good resistance to oxidative and reductive bleaching agents.     Good stability to alkali and acids.		
				Very good compatibility with enzymes.		
				6. Low foaming.		
598				7. Liquid, pumpable formulation. Miscible with water.		
	596	ALLENOL-LF	Allenol-LF is a low foaming detergent for textile processing.	1. At temperature of about 50-60°C, it is completely low foaming & can	Vegetable oil based	Weakly anionic
			- Pre-scouring, boiling-off or bleaching Washing in the dyebath.	therefore be used in semi-immersed jet dyeing machines.  2. It has a good scouring and wetting action.		
			- Soaping off after dyeing.	3. It is stable in presence of mild acid & alkali.		
				4. It disperses size & other impurities from the fabric.		
599				5. Excellent stain & oil removal action.		
-	597	ALTRANOL-NOF	Altranol-NOF has a emulsifying capacity for oil & fat stains. It has an excellent	1. It is suitable for washing synthetics or blends consisting of wool or cotton	Specialty surfactant	Non-ionic
1 1		I	wetting properties and a good washing power. It is suitable for all kinds of fibers and can be applied in the slightly acid medium.	and synthetics. 2. Very good detergency and emulsifying power.		
1 1		I	and can be appried in the signity acid medium.	Very good detergency and emulsifying power.     Good wetting properties.		
				<ol> <li>Good resistance to oxidative and reductive bleaching agents.</li> </ol>		
1 1		I		Very good compatibility with enzymes.     Low foaming, Liquid, pumpable formulation.		
				8. Removes oily and greasy impurities as well as sizing and soil particles.		
				9 APEO free.		
600						
m	598	ALLENOL-RBC	Allenol-RBC is a clay-based all in one product that removes all kind of impurities			Weakly cationic / Non-ionic
			natural or synthetic from cellulosic substrates. It provides lubrication &	It can be very effective in removal of oil, waxes and other insoluble impurities.	surfactants	
			improves absorbency and helps in reducing the use of additional chemicals during bleaching	impurities.  3. It has excellent wetting & emulsifying, sequestering, lubricating &		
1 1		I		chelation actions.		
				Suitable for discontinuous application such as full white bleaching, scouring elastane blends to emulsify & remove oil.		
1 1		I				
601	W00	ALLENO DE			n 1 16 1	
	599	ALLENOL-RP	Allenol-RP It is a anionic high performance, low-foaming detergent, designed for scouring & bleaching of cotton and synthetic fibers in machines of high liquor	<ol> <li>Smoother running of ropes, less flotation, leading to fewer tangles and more efficient pump performance.</li> </ol>	Dioctyl sulfosuccinate and specialty surfactant	Anionic
			turbulence, e.g. Jet, Overflow & Package dyeing machines. Suitable for	2. Uniform extraction of oils and waxes providing consistently clean	specially surfacture	
			continuous & discontinuous bleaching range. APEO free.	foundation for level dyeing or whiter whites.		
				<ol> <li>Good emulsifying properties for knitting and weaving lubricants, oils and waxes.</li> </ol>		
				Good soil-suspending and anti-re-deposition properties.		
602	600	ALLENOL-SPS	Allenol-SPS is an effective multifunctional bleaching auxiliary & can effectively	Very simple operating process for scouring and bleaching treatment.	Specialty surfactants &	Anionic
	600	ALLENOL-SPS	replace most of auxiliaries used in the conventional peroxide bleaching process.	It ensures a highly stable hydrogen peroxide reaction without adding other		Anionic
			It is suitable for cotton and its blends. It can be used in various processes, such	stabilizer.	,,	
			as vat dyeing and jet overflow dyeing.	Excellent capillary effect and wetting performance.     It imparts well degreasing performance.		
				it imparts well degreasing performance.     Excellent solubility and single agent for scouring process can get the most		
				even treated fabric,		
				which ensure a good levelling effect in dyeing process.		
603						
	601	ALLENOL-ZFD	Allenol-ZFD is a low foaming wetting agent and detergent with very good re-	Very good detergency and emulsifying power.		Non-ionic
			wetting action and extremely low foaming, for discontinuous & continuous pretreatment processes on cellulosic and their blends with synthetics.	Good wetting properties.     Good resistance to oxidative and reductive bleaching agents.	special surfactants	
			presentation processes on centrose and their oreins with synthetics	Good stability to alkali and acids.		
				5. Very good compatibility with enzymes.		
				Low foaming.     Liquid, pumpable formulation. Miscible with water.		
604						
	602	ALTRANOL-AP	Altranol-AP is an antifoam and de-aerating agent for use in all printing systems.	<ol> <li>Speeds up vetting in vat dye printing thus savings of energy, time and chemicals.</li> </ol>	Aliphatic hydroxy compound	Non-ionic
			It effectively removes air from print pastes in preparation and use, thus increases penetration and more level prints.	2. Inhibits and destroys foam which helps a better run ability with fewer	compound	
				problems due to foam build-up in the screens.		
				<ol> <li>Does not dissolve thermoplast or permanent table adhesive. Saves time and expensive renewal of adhesive.</li> </ol>		
				Easy to handle as it is pumpable		
605						
	603	ALTRANOL-AOS-92	Altranol-AOS-92 is an anionic surfactant, based on secondary alkane sulphonate sodium salt. It is an environmentally friendly surfactant for detergents,	Soaps (Toilet and Laundry).     Cosmetic and Personal Care products.	Sodium C14 Olefin Sulphonate solution	Anionic
		I	chemical-technical and cosmetic industries.	3. Dyes and pigments, Paints. Rubber and tyre, Leather.	promise sometion	
1 1				4. Institutional cleaners.  5. As an additive to coment concrete.		
				<ol> <li>As an additive to cement concrete.</li> <li>Synthetic detergent (Powder, Bars / Cakes and Liquid).</li> </ol>		
		I		7. Textile chemicals.		
				Agriculture chemicals and pesticides formulations (EC and WDP).     Figure polymorination (BVC / BVA / Bolymorphisms / Styrong)		
606				Emulsion polymerization (PVC / PVA / Polyacrylates / Styrene).		
ιТ	604	ALTRANOL-CWA	Altranol-CWA is a low foaming wetting and scouring agent suitable for discontinuous and continuous bleaching operations. It removes size degradation	It has high wetting action coupled with detergent properties.     Its efficacy is higher at lower dosages.		Anionic
			discontinuous and continuous bleaching operations. It removes size degradation products and emulsifies oils and fats.	Its efficacy is higher at lower dosages.     It is a non-foaming product hence suitable for high turbulence machines	surfactants	
1 1		I		such as JET, soft flow, winch and package machine.		
1 1		I		It has excellent oil and wax emulsifying properties.     It is suitable in enzymatic desizing.		
1 1				It is suitable in enzymatic desizing.     It is APEO free.		
607	/OF	ALTRANOL DEL	+			
800	605 606	ALTRANOL-DEJ ALTRANOL-GP	Altranol-GP is a spotting agent for all fibers to remove lubricants, oils as well as	Emulsifies and dissolves difficult to remove oil spots.	Blend of specialty	Anionic
1 1		I	spots caused by machine lubricating oils. It has effective, degreasing, wetting,	2. Is free of solvent and of low odor.	surfactants	
ı I		1	stain removal & detergency action giving a very clean fiber/fabric.	Is suitable for discontinuous and continuous washing.     Is low-foaming.		
				5. No danger of halo formation		
609	607	ALTRANOL-GR	Alternal CB is a unique med at the control of the c		Specialty	Non ionic
	607	ALI KANUL-UK	Altranol-GR is a unique product that prevents yellowing of polyester, polyamide & their blends with elastane during the heat setting process. Specially designed	Prevents yellowing induced by heat processing.     Specifically for articles which have to be heat set e.g. because of curled.	Specialty products and surfactants	Non-ionic
ı I		1	for the production of pale shades & optically brightened whites	edges, or for stability reasons.		
				Suitable for articles with a tendency to yellowing in subsequent heat		
		I		treatments (e.g. on a rotary press).  4. Preferred application is by padding.		
L I		I		An exhaust application can be used.		
610	608	ALTRANOL-FLR	Altranol FLR is a foam-generation auxiliary for foam-coating formulations and	Has excellent thermal degradability; the wetting agent completely	Blend of specialty	Non-ionic
ıl	000	ANNOLTER .	Altranol FLR is a foam-generation auxiliary for foam-coating formulations and thermo-degradable wetting agent for use various finishes	volatilizes during drying and curing without affecting the inherent	Blend of specialty surfactants	NOA-TORIC
		I		absorbency or repellency characteristics of substrate		
				Possesses good foam-producing properties and is an efficient foam- generator in the preparation of coating formulation in foam-coating		
				generator in the preparation of coating formulation in foam-coating equipment.		
1 1		I		3. Stable foam is generated with product & when applied by coating on denim		
1 1		I		during bleaching with potassium permanganate & hypochlorite gives various		
				bleaching effect or wave or ripple surface type effect.		
611	***	ALTRANOL UDCC	About I IDED (secondary)	1 Mary mortille developed and a second second	Pakadana	Non-tout-
1 1	609	ALTRANOL-HPSR	Altranol-HPSR is a versatile product for one bath scouring, bleaching, stain removing of cotton synthetic and their blends.	It is a specially developed auxiliary for pretreatment of textiles.     It has effective, degreasing, wetting, stain removal & detergency action	Ethylene oxide condensation products with	Non-ionic
			or contrasymment and then Dietas.	giving a very clean fiber/fabric.	non- chlorinated	
1 1				3. It is APEO free.	Solvents	
612			T. Control of the Con			
612	610	ALTRANOL-HPSR-N	Altranol-HPSR-N is a versatile product for one bath scouring, bleaching stain	1. It is a specially developed auxiliary for pretreatment of textiles	Ethylene oxide	Non-ionic
612	610	ALTRANOL-HPSR-N	Altranol-HPSR-N is a versatile product for one bath scouring, bleaching, stain removing of cotton synthetic and their blends.	It is a specially developed auxiliary for pretreatment of textiles.     It has effective, degreasing, wetting, stain removal & detergency action	Ethylene oxide condensation products with	Non-ionic
612	610	ALTRANOL-HPSR-N		2. It has effective, degreasing, wetting, stain removal & detergency action	condensation products with non-chlorinated	Non-ionic
612	610	ALTRANOL-HPSR-N			condensation products with	Non-ionic

Ŧ	A					
	611	ALTRANOL-LFE	C Altranol-LFE is an economical low foaming wetting agent and detergent and	D  1. Low foaming character sustained throughout heating, cooling and rinsing	E Aqueous formulation of	F Weakly anionic/non-ionic
	311		bleach bath additives for batch wise pretreatment and continuous immersion	cycles.	modified fatty alcohol	y unome/non-tonic
			processes. APEO free & ecofriendly. It is suitable for application in jet machines	waxes.	ethoxylates, APEO-free	
- 1				Good soil-suspending and anti-re-deposition properties.     Free-flowing liquid form. High active content.		
- 1				5. Extremely high primary biodegradability (according to BIAS test) - readily		
				bio eliminable (according to DOC analysis - OECD 301c).  6. Low odor, no unpleasant smell.		
				<ol> <li>Uniform extraction of oils and waxes providing consistently clean foundation for level dyeing or whiter whites.</li> </ol>		
				Improved reproducibility, "well prepared is half-dyed".     Cost savings by improved overall dye processing.		
				10. Low dosages required.		
514				11. Minimized organic pollutant load on dye house effluent.		
	612	ALTRANOL-LTB-RS-NEW	Altranol-LTB-RS-NEW is a wetting/scouring agent with activator which can bleach cellulose based substrates & blends (cotton, viscose, poly/cotton) at	<ol> <li>Lower operating temperature results in reduced heating &amp; cooling times(energy savings).</li> </ol>	Aqueous formulation of nonionic and anionic	Anionic
			lower temperature of 70-75°C.	2. Energy savings.	modified fatty alcohol	
				Supports organic cotton registration.     Lower temperature reduces fuel consumption & savings in electricity.	ethoxylates APEO-free	
				Increased productivity. Good whiteness & less fibre damage.     Eliminates requirement for pressurized steamer.		
616						
113	613	ALTRANOL-NOVI-LF	Altranol-NOVI-LF is a mineral based, multi-purpose, auxiliary for all	Suitable for all cellulosic fibers and blends of cellulosic and synthetic	Based on natural minerals	Anionic
			discontinuous processes e.g. peroxide bleaching, pre-scouring elastane blends.	fibers.  2. Suitable for all kinds of machines e.g. Jets, Winches, Jigs and Package		
				machines.  3. Multipurpose auxiliary showing excellent scouring and bleaching effects.		
				4. Special washing mechanism resulting in good (silicone) oil elimination and		
				good rewetting effect. 5. Very high degree of whiteness, especially in combination with Optical		
				Brightening agents.		
				Very good DP values.     Good wetting effect in greige and rewetting effect after white for dyeing		
				preparation.  8. Positive effects on machine cleaning.		
				9. Extremely low-foaming and APEO free.		
				10. GOTS and Oeko-Tex 100 standard approved. 11. Meets RSL's (Restricted Substances Lists) of most international		
				brands/retailers.  12. Automatically doseable on most dosing installations.		
16				, and an		
1	614	ALTRANOL-NR-80	Altranol-NR-80 is a wetting cum deaerating agent for the pre-treatment and	Excellent deaerating properties in yarn cheeses.	Polyglycol ether	Non-ionic
J			dyeing of cellulosic fibers and their blends.	Stable to alkali up to 30 g/l caustic soda.     Phosphate free and solvent free.		
J				4. Non-foaming. 5. APEO free.		
17	615	ALTRANOL-NSA	Altranol, NCA is a spacialty country agent based ARCO Parameter	Is free from chlorinated solvents and banned/ harmful chemicals.	Fatty alcohol allicd-t-	Non-ionic
J	010	ALIKANUL-NSA	Altranol-NSA is a specialty scouring agent based on APEO Free surfactants for the removal of silicone oil, and wax based residues from cottons, synthetics and	2. Is a powerful cleaning agent even at ambient temperatures to remove oily	Fatty alcohol alkoxylate	NON-10MC
			their blends with spandex/lycra.	contamination from all substrates, ensuring clear and uniform dyeing's.  3. Does not contain alkyl phenol ethoxylates (APEO-free auxiliary) and has		
1				minimum effluent problems.  4. Is suitable for batch wise application and in continuous processing ranges.		
				and in continuous processing ranges.		
18		THE THOU OF				
J	616	ALTRANOL-OL	Altranol-OL is an excellent scouring agent, wetter & detergent, stable to high temperatures & alkaline conditions. It displays pronounced emulsifying action	It is an efficient desizing agent & enables removal of all synthetic sizing agents commonly used in size recipes.	Blend of complex surfactants	Anionic
			promoting rapid & uniform removal of all hydrophobic impurities pigment soils & stains from cellulosic, regenerated cotton & synthetics, & from wool & its	It is non-toxic to enzymatic activity.     At higher concentrations it has good stain removing action.		
			blends.	4. Anionic detergent used after cationization and weight reduction for		
19				washing.		
	617	ALTRANOL-RGN	Altranol-RGN has a emulsifying capacity for oil & fat stains. It has an excellent wetting properties and a good washing power. It is suitable for all kinds of fibers	It is suitable for washing synthetics or blends consisting of wool or cotton and synthetics.	Specialty surfactant	Non-ionic
			and can be applied in the slightly acid medium.	2. Very good detergency and emulsifying power.		
				Good wetting properties.     Good resistance to oxidative and reductive bleaching agents.		
				Very good compatibility with enzymes.     Low foaming.		
1				7. Liquid, pumpable formulation. Miscible with water.		
				<ol> <li>Removes oily and greasy impurities as well as sizing and soil particles.</li> <li>APEO free.</li> </ol>		
620						
521	618	ALTRANOL-SS	Altranol-SS is used for removing grease, oil stains, uncured amino oil stains and silicone oil stains.	<ol> <li>Problem solver for uncured silicone spots in garment due to silicone solitting. It removes silicone oil stains</li> </ol>	Blend of specialty surfactants	Weakly cationic
	619	ALTRANOL-SWH	Altranol-SWH is a low foaming wetting and deaerating agent for continuous dyeing as well as exhaust application particularly for dyeing of yarn packages.	Due to its excellent wetting action, thorough & uniform wetting takes place in short time particularly in continuous dyeing which results into uniform	Based on surfactants	Anionic
				shade. In exhaust application it helps to remove entrapped air thus leading to thorough wetting before addition of any other chemical. It can also be added		
				in desizing by pad batch application to improve pick-up.		
				2. Does not impair the solubility of water soluble dyes.		
				3. Improves dye penetration.		
				Improves dye penetration.     Low foaming & hence color specks due to foam eliminated.		
				3. Improves dye penetration. 4. Low foaming & hence color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. Stable in alkaline solution up to 30 g/l caustic soda.		
				Improves dye penetration.     Low foaming & hence color specks due to foam eliminated.     Promotes high liquor pick up.		
22	620	ALTRAPLEX-A	Altraplex-A is used as a stripping agent for dyeing's obtained with vat, sulfur,	3. Improves dye penetration. 4. Low feaming & hence color specks due to feam eliminated. 5. Promotes high liquor pick up. 6. Sable in alkaline solution up to 30 g/l caustic soda. 7. Concentrated & can be easily diluted.  1. It is used for lightening the shade of dyeing's and prints produced with	Polyvinyl pyrilidone	Anionic
522	620	ALTRAPLEX-A	reactive and direct dyes. It is used for lightening the shade of dyeing's and prints	3. Improves dye penetration. 4. Low faming & hence color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. Sable in alkaline solution up to 30 g/l caustic soda. 7. Concentrated & can be easily diluted.  L. It is used for lightening the shade of dyeing's and prints produced with direct dyes.	Polyvinyl pyrilidone solution	Anionic
i22	620	ALTRAPLEX-A		3. Improves dye penetration. 4. Low faming & hence color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. Sable in alkaline solution up to 30 g/l caustic soda. 7. Concentrated & can be easily diluted.  1. It is used for lightening the shade of dyeing's and prints produced with direct dyes. 2. To prevent the ground from being stained when prints produced with direct and reactive dyes are washed off.		Anionic
522			reactive and direct dyes. It is used for lightening the shade of dyeing's and prints produced with direct dyes.	3. Improves dye penetration. 4. Low faaming & hence color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. Sable in alkaline solution up to 30 g/f caustic soda. 7. Concentrated & can be easily diluted.  1. It is used for lightening the shade of dyeing's and prints produced with direct dyes. 2. To prevent the ground from being stained when prints produced with direct and reactive dyes are washed off. 3. It is used as a levelling agent in dyeing with vat and direct dyes.	solution	
522 i23	620	ALTRAPLEX-A  ALTRAPLEX-AB-45	reactive and direct dyes. It is used for lightening the shade of dyeing's and prints produced with direct dyes.  Altraplex-AB-45 is used in dyeing of polyester fibers with dyes at all storages of	3. Improves dye penetration. 4. Low faming & hence color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. Salhein nislaine solution up to 30 g/l caustic soda. 7. Concentrated & can be easily diluted.  1. It is used for lightening the shade of dyeing's and prints produced with direct dyes. 2. To prevent the ground from being stained when prints produced with direct due to the candidate of the color of	solution  Based on organic acid and	Anionic
522 523			reactive and direct dyes. It is used for lightening the shade of dyeing's and prints produced with direct dyes.  Altraplex-AB-45 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altraplex-AB 45 is recommended for pH sensitive dyes and also recommended for yellowith of the sensitive dyes and shore commended for pH sensitive dyes and also recommended for yellowith of the sensitive dyes and also recommended for yellowith of the sensitive dyes and also recommended for yellowith of the sensitive dyes and also recommended for yellowith of the sensitive dyes and also recommended for yellowith of the sensitive dyes and shore yellowith the sensitive dyes and so recommended for yellowith of the sensitive dyes and so recommended for yellowith of the sensitive dyes and so yellowith the sensitive dyes and so yellowith the sensitive dyes and so yellowith the sensitive dyes and yellowith the sensitive dyes and so yellowith the sensitive dyes and yellowith the yellowith th	3. Improves dye penetration. 4. Low faming & hence color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. Sabler in alkalies southon up to 30 g/l caustic soda. 7. Concentrated & can be easily diluted.  1. It is used for lightening the shade of dyeing's and prints produced with direct dyes. 2. To prevent the ground from being stained when prints produced with direct and reactive dyes are washed off. 3. It is used as levelling agent in dyeing with vat and direct dyes. 1. Good buffer capacity. Robust dyeing system "Right First Time" hence cost savings. 2. No problems with correct plf measurement: No plf change through	solution	
522			reactive and direct dyes. It is used for lightening the shade of dyeing's and prints produced with direct dyes.  Altraplex-A8-45 is used in dyeing of polyester filters with dyes at all storages of processing lift processes on jets and circulating liquor machines. Altraplex-A8	3. Improves dye penetration. 4. Low faming & hence color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. Stable in alkaline solution up to 30 g/l caustic soda. 7. Concentrated & can be easily diluted.  1. It is used for lightening the shade of dyeing's and prints produced with direct dyes. 2. To prevent the ground from being stained when prints produced with direct and reactive dyes are washed off. 3. It is used as a levelling agent in dyeing with vait and direct dyes. 1. Good buffer capacity. Robust dyeing system "Right First Time" hence cost savings. 2. No problems with correct pil measurement: No pth change through electrolytes and added substance to the dyebath.	solution  Based on organic acid and	
22			reactive and direct dyes. It is used for lightening the shade of dyeing's and prints produced with direct dyes.  Altraplex-AB-45 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altraplex-AB 45 is recommended for pH sensitive dyes and also recommended for yellowith of the sensitive dyes and shore commended for pH sensitive dyes and also recommended for yellowith of the sensitive dyes and also recommended for yellowith of the sensitive dyes and also recommended for yellowith of the sensitive dyes and also recommended for yellowith of the sensitive dyes and also recommended for yellowith of the sensitive dyes and shore yellowith the sensitive dyes and so recommended for yellowith of the sensitive dyes and so recommended for yellowith of the sensitive dyes and so yellowith the sensitive dyes and so yellowith the sensitive dyes and so yellowith the sensitive dyes and yellowith the sensitive dyes and so yellowith the yellowith the sensitive dyes and so yellowith the yellowith t	3. Improves dye penetration. 4. Low faaming & hence color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. She control high liquor pick up. 7. Concentrated & can be easily diluted. 7. Concentrated & can be easily diluted. 8. It is used for lightening the shade of dyeing's and prints produced with direct dyes. 8. It is used for lightening the shade of dyeing's and prints produced with direct dyes and the state of the state of the state of the state of the direct and reactive dyes are washed off. 8. It is used as a levelling agent in dyeing with vat and direct dyes. 9. Lood buffer capacity: Robust dyeing system 'Right First Time' hence cost savings. 9. No problems with correct plf measurement: No plf change through electrolytes and added substance to the dyebath.	solution  Based on organic acid and	
23			reactive and direct dyes. It is used for lightening the shade of dyeing's and prints produced with direct dyes.  Altraplex-AB-45 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altraplex-AB 45 is recommended for pH sensitive dyes and also recommended for yellowith of the sensitive dyes and shore commended for pH sensitive dyes and also recommended for yellowith of the sensitive dyes and also recommended for yellowith of the sensitive dyes and also recommended for yellowith of the sensitive dyes and also recommended for yellowith of the sensitive dyes and also recommended for yellowith of the sensitive dyes and shore yellowith the sensitive dyes and so recommended for yellowith of the sensitive dyes and so recommended for yellowith of the sensitive dyes and so yellowith the sensitive dyes and so yellowith the sensitive dyes and so yellowith the sensitive dyes and yellowith the sensitive dyes and so yellowith the yellowith the sensitive dyes and so yellowith the yellowith t	3. Improves dye penetration. 4. Low foaming & bennez color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. Table in alkaline solution up and 30 g/l caustic soda. 7. Concentracel & can be easily clinical. 1. It is used for lightening the shade of dyeing's and prints produced with direct dyes. 1. It is used for lightening the shade of dyeing's and prints produced with direct dyes. 2. It is used and reactive dyes are washed off. 3. It is used as a levelling agent in dyeing with var and direct dyes. 1. Good buffer capacity: Robust dyeing system "Right First Time" hence cost savings. 2. Condition of the direct dyeing system "Right First Time" hence cost savings. 2. Condition of the direct dyeing system "Right First Time" hence cost savings. 2. The direct dyeing agent in the dyeing system "Right First Time" hence cost savings. 2. The direct dyeing agent in the dyeing system "Right First Time" hence cost savings. 2. The direct dyeing agent in the dyeing system "Right First Time" hence cost savings. 2. A longer and the dark distriction of the dyebath. 3. No impact on fastness: Compatible with all auxiliaries and UV absorbers. 4. No extra addition of add required to adjust the pit Essy and as le handling and as le handling and as le handling and as less and the savings.	solution  Based on organic acid and	
23	621	ALTRAPLEX-AB-45	reactive and direct dyes. It is used for lightening the shade of dyeing's and prints produced with direct dyes.  Altraplex-AB-45 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and direulating liquor machines. Altraplex-AB 45 is recommended for pH sensitive dyes and also recommended for dyeing of polyester blends.	3. Improves dye penetration.  4. Low faming & hence color specks due to foam eliminated.  5. Promotes high liquor pick up.  6. Sables in alkalies solution up to 30 g/l caustic soda.  7. Concentrated & can be easily diluted.  1. It is used for lightening the shade of dyeing's and prints produced with direct dyes.  2. To prevent the ground from being stained when prints produced with direct and reactive dyes are washed off.  3. It is used as a levelling agent in dyeing with vait and direct dyes.  1. Good buffer capacity: Robust dyeing system "Right First Time" hence cost savings.  2. No problems with correct pH measurement: No pH change through electrolytes and added substance to the dyebath.  3. No impact no fatness: Compatible with all auxiliaries and UV absorbers.  4. No extra addition of acid required to adjust the pH Easy and safe handling.  5. Non-feaming Suitable for jets	Solution  Based on organic acid and salts	Anionic
23			reactive and direct dyes. It is used for lightening the shade of dyeing's and prints  produced with direct dyes.  Altraplex-AB-45 is used in dyeing of polyester fibers with dyes at all storages of  processing in HT processes on jets and circulating liquor machines. Altraplex-AB 45 is recommended for pH sensitive dyes and also recommended for dyeing of  polyester blends.  Altraplex-AB-55 is used in dyeing of polyester fibers with dyes at all storages of  processing in HT processes on jets and circulating liquor machines. Altraplex-AB  Altraplex-AB-55 is used in dyeing of polyester fibers with dyes at all storages of  processing in HT processes on jets and circulating liquor machines. Altraplex-AB	3. Improves dye penetration. 4. Low faming & hence color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. Sable in alkaline solution up to 30 g/l caustic soda. 7. Concentrated & cam be easily diluted.  1. It is used for lightening the shade of dyeing's and prints produced with direct dyes. 2. To prevent the ground from being stained when prints produced with direct and reactive dyes are washed off. 3. It is used as a levelling agent in dyeing with vat and direct dyes. 2. To provent the ground from being stained when prints produced with direct and reactive dyes are washed off. 3. It is used as a levelling agent in dyeing with vat and direct dyes. 1. Good buffer capacity. Robust dyeing system "Right First Time" hence cost savings. 2. No problems with correct plf measurement: No plf change through electrolytes and added substance to the dyebath. 3. No impact no fastness: Compatible with all auxiliaries and UV absorbers. 4. No extra addition of acid required to adjust the plf Easy and safe handling. 5. Non-foaming Suitable for jets  1. Good buffer capacity: Robust dyeing system "Right First Time" hence cost savings.	solution  Based on organic acid and	
522	621	ALTRAPLEX-AB-45	reactive and direct dyes. It is used for lightening the shade of dyeing's and prints produced with direct dyes.  Altraplex-A8-45 is used in dyeing of polyester fibers with dyes at all storages of processing lift Processes on san di crualatings using liquor machines. Altraplex-A8- 45 is recommended for pH sensitive dyes and also recommended for dyeing of polyester blends.  Altraplex-AB-55 is used in dyeing of polyester fibers with dyes at all storages of Altraplex-AB-55 is used in dyeing of polyester fibers with dyes at all storages of	3. Improves dye penetration. 4. Low faming & hence color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. Sable in alkalies evolution up to 30 g/l caustic soda. 7. Concentrated & cam be easily diluted.  1. It is used for lightening the shade of dyeing's and prints produced with direct dyes. 2. To prevent the ground from being stained when prints produced with direct and reactive dyes are washed off. 3. It is used as a levelling agent in dyeing with vat and direct dyes. 2. To prevent the ground from being stained when prints produced with direct and reactive dyes are washed off. 3. It is used as a levelling agent in dyeing with vat and direct dyes. 3. It is used as a levelling agent in dyeing with vat and direct dyes. 4. So do the direct and the direct dyes. 5. No problems with correct plf measurement: No plf change through electrolytes and added substance to the dyebath. 5. Non-foaming Suitable for jets 1. Good buffer capacity. Robust dyeing system "Right First Time" hence cost earling. 2. No problems with correct plf measurement: No plf change through electrolytes and added substance to the dyebath.	Solution  Based on organic acid and salts	Anionic
522	621	ALTRAPLEX-AB-45	reactive and direct dyes. It is used for lightening the shade of dyeing's and prints produced with direct dyes.  Altrapler-AB-45 is used in dyeing of polyester fibers with dyes at all storages of processing latt Pir processors on given and circulating ligator machines. Altrapler-AB-45 is recommended for pit sensitive dyes and also recommended for dyeing of polyester blends.  Altrapler-AB-55 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altrapler-AB-55 is recommended for pit sensitive dyes like and also recommended for pit sensitive dyes like and also recommended for pit sensitive dyes like and all storages of processing in HT processes on jets and circulating liquor machines. Altrapler-AB-55 is recommended for pit sensitive dyes like and also recommended for pit sensitiv	3. Improves dye penetration.  4. Low foaming & hence color specks due to foam eliminated.  5. Promotes high liquor pick up.  6. Salbein in silaine solution up to 30 gl caustic soda.  7. Concentrated & can be easily elitted.  1. It is used for lightening the shade of dyeing's and prints produced with direct dyes.  2. To prevent the ground from being stained when prints produced with direct and reactive dyes are washed off.  2. To be used to silaine state of the direct and the contractive dyes are washed off.  2. It is used as levelling agent in dyeing with vat and direct dyes.  1. Cood buffer capacity: Robbust dyeing system "Right First Time" hence cost savings.  2. No problems with correct pH measurement: No pH change through electrolytes and added substance to the dyebath.  3. No impact on faciness: Compatible with all saciliaries and UV absorbers.  5. Non-foaming: Sultable for jets  1. Good buffer capacity: Robbust dyeing system "Right First Time" hence cost savings.  5. Non-foaming: Sultable for jets  1. Good buffer capacity: Robbust dyeing system "Right First Time" hence cost savings.  5. Non-foaming: Sultable for jets  1. Good buffer capacity: Robbust dyeing system "Right First Time" hence cost savings.  5. Non-foaming: Sultable for jets  1. Sood buffer capacity: Robbust dyeing system "Right First Time" hence cost savings.  5. Non-foaming: Sultable for jets  1. Sood buffer capacity: Robbust dyeing system "Right First Time" hence cost savings.	Solution  Based on organic acid and salts	Anionic
522	621	ALTRAPLEX-AB-45	reactive and direct dyes. It is used for lightening the shade of dyeing's and prints produced with direct dyes.  Altrapler-AB-45 is used in dyeing of polyester fibers with dyes at all storages of processing latt Pir processors on given and circulating ligator machines. Altrapler-AB-45 is recommended for pit sensitive dyes and also recommended for dyeing of polyester blends.  Altrapler-AB-55 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altrapler-AB-55 is recommended for pit sensitive dyes like and also recommended for pit sensitive dyes like and also recommended for pit sensitive dyes like and all storages of processing in HT processes on jets and circulating liquor machines. Altrapler-AB-55 is recommended for pit sensitive dyes like and also recommended for pit sensitiv	3. Improves dye penetration. 4. Low faming & hence color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. Sable in alkalies evolution up to 30 g/l caustic soda. 7. Concentrated & cam be easily diluted.  1. It is used for lightening the shade of dyeing's and prints produced with direct dyes. 2. To prevent the ground from being stained when prints produced with direct and reactive dyes are washed off. 3. It is used as a levelling agent in dyeing with vat and direct dyes. 2. To prevent the ground from being stained when prints produced with direct and reactive dyes are washed off. 3. It is used as a levelling agent in dyeing with vat and direct dyes. 3. It is used as a levelling agent in dyeing with vat and direct dyes. 4. So do the direct and the direct dyes. 5. No problems with correct plf measurement: No plf change through electrolytes and added substance to the dyebath. 5. Non-foaming Suitable for jets 1. Good buffer capacity. Robust dyeing system "Right First Time" hence cost earling. 2. No problems with correct plf measurement: No plf change through electrolytes and added substance to the dyebath.	Solution  Based on organic acid and salts	Anionic
522 _	621	ALTRAPLEX-AB-45	reactive and direct dyes. It is used for lightening the shade of dyeing's and prints produced with direct dyes.  Altrapler-AB-45 is used in dyeing of polyester fibers with dyes at all storages of processing latt Pir processors on given and circulating ligator machines. Altrapler-AB-45 is recommended for pit sensitive dyes and also recommended for dyeing of polyester blends.  Altrapler-AB-55 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altrapler-AB-55 is recommended for pit sensitive dyes like and also recommended for pit sensitive dyes like and also recommended for pit sensitive dyes like and all storages of processing in HT processes on jets and circulating liquor machines. Altrapler-AB-55 is recommended for pit sensitive dyes like and also recommended for pit sensitiv	3. Improves dye penetration. 4. Low faming & hence color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. Low faming & hence color specks due to foam eliminated. 7. Concentrated & cam be easily diluted. 7. Concentrated & cam be easily diluted. 8. It is used for lightening the shade of dyeing's and prints produced with direct dyes. 9. To prevent the ground from being stained when prints produced with direct and reactive dyes are washed of light and the direct dyes. 9. To prevent the ground from being stained when prints produced with direct and reactive dyes are washed of light and direct dyes. 9. It is used as a levelling agent in dyeing with vast and direct dyes. 9. It is used as a levelling agent in dyeing with variand direct dyes. 9. Is consider capacity. Robust dyeing system "Right First Time" hence cost source. 9. No impact on faistness. Compatible with all auxiliaries and UV absorbers. 9. Non-foaming. Suitable for jets 9. Good buffer capacity. Robust dyeing system "Right First Time" hence cost earing. 9. Concentrated and control of the dyeath. 9. No impact on faistness. Compatible with all usualizaries and UV absorbers. 9. No problems with correct plf measurements. No plf change through electrolytes and added substance to the dyebath. 9. No impact on faistness. Compatible with all usualizaries and UV absorbers. 9. No extra addition of acid required to adjust the plf Easy and safe handling. 9. No impact on faistness. Compatible with all usualizaries and UV absorbers. 9. No extra addition of acid required to adjust the plf Easy and safe handling. 9. No impact on faistness. Compatible with all usualizaries and UV absorbers. 9. No impact on faistness. Compatible work and safe handling. 9. No impact on faistness. Compatible on doubter the plf Easy and safe handling. 9. No impact on faistness.	Solution  Based on organic acid and salts	Anionic
522	621	ALTRAPLEX-AB-45	reactive and direct dyes. It is used for lightening the shade of dyeing's and prints produced with direct dyes.  Altrapler-AB-45 is used in dyeing of polyester filters with dyes at all storages of processing in HT processes on gives and circulating liquor machines. Altrapler-AB-45 is recommended for pH sensitive dyes and also recommended for dyeing of polyester blends.  Altrapler-AB-55 is used in dyeing of polyester filters with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altrapler-AB-55 is recommended for pH sensitive dyes like s and also recommended for dyeing of polyester blends.	3. Improves dye penetration.  3. Improves dye penetration.  4. Low foaming & bennez color specks due to foam eliminated.  5. Promotes high liquor pick up.  6. Sable in alkaline solution up to 30 g/f caustic soda.  7. Concentrated & can be easily elitited.  1. It is used for lightening the shade of dyeing's and prints produced with direct dyes.  2. To prove yound from being attained when prints produced with direct dyes.  2. To prove yound from being attained when prints produced with direct dyes.  2. To prove and the dyes are washed off.  2. It is used as a levelling agent in dyeing with vat and direct dyes.  1. Good buffer capacity: Robust dyeing system "Right First Time" hence cost savings.  2. No problems with correct pil measurement: No pil change through the properties of the contraction of the dyes of	Based on organic acid and salts  Organic acid and salts	Anionic
522	621	ALTRAPLEX-AB-45  ALTRAPLEX-AB-55	reactive and direct dyes. It is used for lightening the shade of dyeing's and prints produced with direct dyes.  Altrapler-AB-45 is used in dyeing of polyester fibers with dyes at all storages of processing latt Pir processors on given and circulating ligator machines. Altrapler-AB-45 is recommended for pit sensitive dyes and also recommended for dyeing of polyester blends.  Altrapler-AB-55 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altrapler-AB-55 is recommended for pit sensitive dyes like and also recommended for pit sensitive dyes like and also recommended for pit sensitive dyes like and all storages of processing in HT processes on jets and circulating liquor machines. Altrapler-AB-55 is recommended for pit sensitive dyes like and also recommended for pit sensitiv	3. Improves dye penetration. 4. Low foaming & benne color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. Low foaming & benne color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. Salbel in silabile solution up to 30 g/ caustic soda. 7. Concentrated & can be easily elitted.  1. It is used for lightening the shade of dyeing's and prints produced with direct dyes. 2. To prevent the ground from being stained when prints produced with direct and reactive dyes are washed off. 2. To be used as a levelling agent in dyeing with vat and direct dyes. 2. To provide the produced with direct and reactive dyes are washed off. 2. It is used as a levelling agent in dyeing with vat and direct dyes. 2. No problems with correct pH measurement: No pH change through electrolytes and added substance to the dyebath. 2. No problems with correct pH measurement: No pH change through electrolytes and added substance to the dyebath. 3. Non-foaming: Suitable for jets 4. Good buffer capacity: Robust dyeing system "Right First Time" hence cost tarring. 5. Non-foaming: Suitable for jets 4. No problems with correct pH measurement: No pH change through electrolytes and added substance to the dyebath. 3. No limpact on fastness: Compatible with all auxiliaries and UV absorbers. 4. No extra addition of acid required to adjust the pH Easy and safe handling. 5. Non-foaming Suitable for jets. 5. Non-foaming Suitable for jets. 6. No extra addition of acid required to adjust the pH Easy and safe handling. 5. Non-foaming Suitable for jets. 6. No extra addition of acid required to adjust the pH Easy and safe handling. 6. Non-foaming Suitable for jets. 6. No extra addition of acid required to adjust the pH Easy and safe handling. 6. Non-foaming Suitable for jets of the dyested of th	Solution  Based on organic acid and salts	Anionic  Anionic
522	621	ALTRAPLEX-AB-45  ALTRAPLEX-AB-55	reactive and direct dyes. It is used for lightening the shade of dyeing's and prints produced with direct dyes.  Altraplex-A8-45 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altraplex-A8-45 is recommended for pH sensitive dyes and also recommended for dyeing of polyester blends.  Altraplex-AB-55 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altraplex-AB displayed to the commended for dyeing of polyester blends.  Altraplex-AB-55 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altraplex-AB dyeing of polyester blends.	3. Improves dye penetration. 4. Low faming & hence color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. Low faming & hence color specks due to foam eliminated. 7. Concentrated & cam be easily diluted.  1. It is used for lightening the shade of dyeing's and prints produced with direct dyes. 2. To prevent the ground from being stained when prints produced with direct dues careful existence of the standard with direct and reactive dyes are washed off. 3. It is used as a levelling agent in dyeing with vat and direct dyes. 1. Good buffer capacity: Robust dyeing system "Right First Time" hence cost savings. 2. No problems with correct plf measurement: No plf change through electrolytes and added substance to the dyebath. 3. No impact on fatness: Compatible with all auxiliaries and UV absorbers. 4. No extra addition of acid required to adjust the plf Easy and safe handling. 5. Non-foaming Suitable for jets 2. No problems with correct plf measurement: No plf change through electrolytes and added substance to the dyebath. 3. No impact on fatness: Compatible with all auxiliaries and UV absorbers. 4. No extra addition of acid required to adjust the plf Easy and safe handling. 5. Non-foaming Suitable for jets 4. No extra addition of acid required to adjust the plf Easy and safe handling. 5. Non-foaming Suitable for jets. 6. No retandino of acid required to adjust the plf Easy and safe handling. 6. Non-foaming Suitable for jets. 6. Removes residual alkali and core neutralization of the textile goods to	Based on organic acid and salts  Organic acid and salts	Anionic  Anionic
23	621	ALTRAPLEX-AB-45  ALTRAPLEX-AB-55	reactive and direct dyes. It is used for lightening the shade of dyeing's and prints produced with direct dyes.  Altrapler-AB-45 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altrapler-AB 45 is recommended for pH sensitive dyes and also recommended for dyeing of polyester blends.  Altrapler-AB-55 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altrapler-AB 55 is recommended for pH sensitive dyes like a nad also recommended for dyeing of polyester blends.  Cracking agent is a multi-functional agent to optimize the pretreatment washing processes after alkaline pretreatment processes.	3. Improves dye penetration. 4. Low faming & hence color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. Low faming & hence color specks due to foam eliminated. 7. Concentrated & cam be easily diluted. 7. Concentrated & cam be easily diluted. 8. Li is used for lightening the shade of dyeing's and prints produced with direct dyes. 7. Convent the ground from being stained when prints produced with direct and reactive dyes are washed off. 8. Li is used as a levelling agent in dyeing with vat and direct dyes. 7. To prevent the ground from being stained when prints produced with direct and reactive dyes are washed off. 8. Li is used as a levelling agent in dyeing with vat and direct dyes. 8. Li Good buffer capacity. Robust dyeing system "Right First Time" hence cost savings. 8. No impact on fastness: Compatible with all auxiliaries and UV absorbers. 8. Non-foaming Suitable for jets 1. Good buffer capacity. Robust dyeing system "Right First Time" hence cost savings. 9. No problems with correct plf measurement: No plf change through electrolytes and added substance to the dyebath. 1. Good buffer capacity. Robust dyeing system "Right First Time" hence cost savings. 2. No problems with correct plf measurement: No plf change through electrolytes and added substance to the dyebath. 3. No impact on fastness: Compatible with all auxiliaries and UV absorbers. 4. No extra addition of add required to adjust the plf Easy and safe handling. 5. Non-foaming Suitable for jets. 1. Removes residual alkali and core neutralization of the textile goods to enhance the quality and reproducibility of subsequent processing steps. 2. Can be added the end of the washing range without change or corrosion denables and the plf Easy and safes.	Based on organic acid and salts  Organic acid and salts  Special organic acids	Anionic  Anionic  Anionic
522	621	ALTRAPLEX-AB-45  ALTRAPLEX-AB-55  ALTRAPLEX-AC	reactive and direct dyes. It is used for lightening the shade of dyeing's and prints produced with direct dyes.  Altrapler-AB-45 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating luguer machines. Altrapler-AB 45 is recommended for pH sensitive dyes and also recommended for dyeing of polyester blends.  Altrapler-AB-55 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altrapler-AB 55 is recommended for pH sensitive dyes like s and also recommended for of dyeing of polyester blends.  Cracking agent is a multi-functional agent to optimize the pretreatment washing processes after alkaline pretreatment processes.  Altrapler-ACA is a preparation and dye bath lubricant to prevent rope marks, creasing and abrason in cellulosic fabrics and minimize tendency of color creasing and abrason in cellulosic fabrics and minimize tendency of color creasing and abrason in cellulosic fabrics and minimize tendency of color creasing and abrason in cellulosic fabrics and minimize tendency of color creasing and abrason in cellulosic fabrics and minimize tendency of color creasing and abrason in cellulosic fabrics and minimize tendency of color	3. Improves dye penetration.  4. Low foaming & bennez color specks due to foam eliminated.  5. Promotes high liquor pick up.  6. Sable in alkaline solution up to 30 gl / caustic soda.  7. Concentrated & can be easily elitited.  1. It is used for lightening the shade of dyeing's and prints produced with direct dyes.  2. To prove the ground from being stained when prints produced with direct dyes.  2. To prove the ground from being stained when prints produced with direct dyes.  2. To prove the ground from being stained when prints produced with direct dyes.  2. To prove the ground from being stained when prints produced with direct dyes.  2. To provide the dyes are washed off.  2. It is used as a levelling agent in dyeing with vat and direct dyes.  1. Good buffer capacity: Robust dyeing system "Right First Time" hence cost savings.  2. No problems with correct pH measurement: No pH change through electrolytes and addeed substaince to the dyelath.  5. Non-foaming Suitable for jets  1. Good buffer capacity: Robust dyeing system "Right First Time" hence cost savings.  2. No problems with correct pH measurement: No pH change through electrolytes and added substaince to the dyelath.  3. Good buffer capacity: Robust dyeing system "Right First Time" hence cost savings.  3. Non-foaming Suitable for jets  3. Non-foaming Suitable for jets  3. No impact on fastness: Compatible with all auxiliaries and UV absorbers.  4. No extra addition of acid required to adjust the pH Easy and safe handling.  5. Non-foaming Suitable for jets.  6. No extra addition of acid required to adjust the pH Easy and safe handling.  6. Non-foaming Suitable for jets.  8. Non-foaming Suitable for jets.  9. Non-foaming Suitable for jets.  1. Emonves residual alkali and core neutralization of the textile goods to enhance the quality and reproduction-likily of subsequent processing steps.  2. Can be added at the end of the washing range without danger of corrosion in machines such as selecters.	Based on organic acid and salts  Organic acid and salts  Special organic acids	Anionic  Anionic  Anionic
522	621	ALTRAPLEX-AB-45  ALTRAPLEX-AB-55  ALTRAPLEX-AC	reactive and direct dyes. It is used for lightening the shade of dyeing's and prints  produced with direct dyes.  Altraples-AB-45 is used in dyeing of polyester fibers with dyes at all storages of  processing in IT processes on jets and circulating liquor machines. Altraples-AB  directions are all the properties of the processing of the processing of the processing of the properties of the properties of the properties of the properties of the processing of the processing in IT processing in IT processes on jets and circulating liquor machines. Altraples-AB  51s is recommended for pit sensitive dyes like and also recommended for  dyeing of polyester blends.  Cracking agent is a multi-functional agent to optimize the pretreatment washing  processes after alkaline pretreatment processes.  Altraples-ACA is a preparation and dye bath lubricant to prevent rope marks.	3. Improves dye penetration. 4. Low foaming & benne color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. Low foaming & benne color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. Sable in alkaline solution up to 30 gl caustic soda. 7. Concentrated & can be easily elitted.  1. It is used for lightening the shade of dyeing's and prints produced with direct dyes. 2. To prevent the ground from being stained when prints produced with direct dyes. 2. To prevent the ground from being stained when prints produced with direct and reactive dyes are washed off. 2. It is used as a levelling agent in dyeing with vait and direct dyes. 2. To provide the special produced with direct and the special produced with direct and reactive dyes are washed off. 2. It is used as a levelling agent in dyeing with vait and direct dyes. 2. No groblems with correct pH measurement: No pH change through electrolytes and added substance to the dyebath. 2. No groblems with correct pH measurement: No pH change through electrolytes and added substance to the dyebath. 3. Non-foaming: Suitable for jets 4. Good buffer capacity: Robust dyeing system "Right First Time" hence cost continued to the special produced of complete the special produced of complete the phase of the special produced developed the special produced developed and special produced developed the special produced and special produced and special produced and special processing steps. 4. No extra addition of acid required to adjust the pH Easy and safe handling. 5. Non-foaming Suitable for jets. 6. No extra addition of acid required to adjust the pH Easy and safe handling. 6. Non-toaming Suitable for jets and the processing steps. 6. The badded at the end of the washing range without danger of corrosion in machines use has senters. 6. Promotes opening of the fibric rope and displacement of folds or creases in collisions of any physicer. 7. Acts as a labericant when the fabric rope and displacement of folds or creases in collisions are apply price	Based on organic acid and salts  Organic acid and salts  Special organic acids  Blend of special phosphate	Anionic  Anionic  Anionic
522	621	ALTRAPLEX-AB-45  ALTRAPLEX-AB-55  ALTRAPLEX-AC	reactive and direct dyes. It is used for lightening the shade of dyeing's and prints produced with direct dyes.  Altraplex-A8-45 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altraplex-A8 45 is recommended for pH sensitive dyes and also recommended for dyeing of polyester blends.  Altraplex-AB-55 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altraplex-AB 55 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and calculating liquor machines. Altraplex-AB 55 is used in dyeing of polyester blends.  Cracking agent is a multi-functional agent to optimize the pretreatment washing processes after alkaline pretreatment processes.  Altraplex-ACA is a preparation and dye bath lubricant to prevent rope marks, cressing and abrasion in cellulosic fabrics and minimize tendency of color streatments in winds/jet machines. It is also an efficient one bath scour-dye anti-	3. Improves dye penetration. 4. Low faming & benne color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. Low faming & benne color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. Sable in alkalies solution up to 30 gl caustic soda. 7. Concentrated & can be easily diluted.  1. It is used for lightening the shade of dyeing's and prints produced with direct dyes. 2. To prevent the ground from being stained when prints produced with direct dark excited by the state of the state of the direct and reactive dyes are washed off. 2. It is used as a levelling agent in dyeing value and direct dyes. 1. Good buffer capacity: Robust dyeing system "Right First Time" hence cost savings. 2. No problems with correct pH measurement: No pH change through electrolytes and added substance to the dyebath. 3. No impact on factness: Compatible with all auxiliaries and UV absorbers. 4. No extra addition of acid required to adjust the pH Easy and safe handling. 5. Non-foaming Statistic for jets. 6. One foaming Statistic for jets. 6. No impact on fastness: Compatible with all auxiliaries and UV absorbers. 6. No propriet and sided substance to the dyebath. 6. No impact on fastness: Compatible with all auxiliaries and UV absorbers. 6. No propriet and sided substance to the dyebath. 6. No impact on fastness: Compatible with all auxiliaries and UV absorbers. 6. No servariadition of acid required to adjust the pH Easy and safe handling. 6. Non-foaming Statistic for jets. 6. Row has a senters. 6. Promotes opening of the fabric rope and displacement of folds or creases in cellulosic and polyester. 6. Acts as a labricar when the fabric rope and displacement of folds or creases in cellulosic and polyester. 6. Row has no restraining effect on dyes. 6.	Based on organic acid and salts  Organic acid and salts  Special organic acids  Blend of special phosphate	Anionic  Anionic  Anionic
522	621	ALTRAPLEX-AB-45  ALTRAPLEX-AB-55  ALTRAPLEX-AC	reactive and direct dyes. It is used for lightening the shade of dyeing's and prints produced with direct dyes.  Altraplex-A8-45 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altraplex-A8 45 is recommended for pH sensitive dyes and also recommended for dyeing of polyester blends.  Altraplex-AB-55 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altraplex-AB 55 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and calculating liquor machines. Altraplex-AB 55 is used in dyeing of polyester blends.  Cracking agent is a multi-functional agent to optimize the pretreatment washing processes after alkaline pretreatment processes.  Altraplex-ACA is a preparation and dye bath lubricant to prevent rope marks, cressing and abrasion in cellulosic fabrics and minimize tendency of color streatments in winds/jet machines. It is also an efficient one bath scour-dye anti-	3. Improves dye penetration.  4. Low foaming & bennet color specks due to foam eliminated.  5. Promotes high liquor pick up.  6. Alow foaming & bennet color specks due to foam eliminated.  5. Promotes high liquor pick up.  6. Stable in aliabine southron up to 30 g/ caustic soda.  7. Concentrated & can be easily elimited.  1. It is used for lightening the shade of dyeing's and prints produced with direct dyes.  2. To proceed up yound from being stained when prints produced with direct dyes.  2. To proceed as a levelling agent in dyeing with var and direct dyes.  1. Good buffer capacity: Robust dyeing system 'Right First Time' hence cost savings.  2. No proceed and ded substances to the cybath.  3. No impact on fastness: Compatible with all auxiliaries and UV absorbers.  4. No extra addition of ador fequired to adjust the plf Easy and safe handling.  5. Non-foaming: Sultable for jets.  1. Good buffer capacity: Robust dyeing system 'Right First Time' hence cost savings.  2. No problems with correct plf measurement: No plf change through continued to the cybath.  1. Good buffer capacity: Robust dyeing system 'Right First Time' hence cost savings.  2. No problems with correct plf measurement: No plf change through electrolytes and added substance to the dyebath.  3. No impact on fastness: Compatible with all auxiliaries and UV absorbers.  4. No extra addition of ador fequired to adjust the plf Easy and safe handling.  5. Non-foaming: Sultable for jets.  6. No extra addition of ador fequired to adjust the plf Easy and safe handling.  6. Non-foaming: Sultable for jets.  6. No extra addition of ador fequired to adjust the plf Easy and safe handling.  7. Non-foaming: Sultable for jets.  8. Non-foaming: Sultable for jets.  8. Non-foaming: Sultable for jets.  8. Non-foaming: Sultable for jets.  9. Non-foaming: Sultable for jets.  9. Removes residual alkall and core neutralization of the textile goods to machine such as one of the safety of the content of folds or creases in contents.  1. Promotes opening of the fabric rop	Based on organic acid and salts  Organic acid and salts  Special organic acids  Blend of special phosphate	Anionic  Anionic  Anionic
522	621	ALTRAPLEX-AB-45  ALTRAPLEX-AB-55  ALTRAPLEX-AC	reactive and direct dyes. It is used for lightening the shade of dyeing's and prints produced with direct dyes.  Altraplex-A8-45 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altraplex-A8 45 is recommended for pH sensitive dyes and also recommended for dyeing of polyester blends.  Altraplex-AB-55 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altraplex-AB 55 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and calculating liquor machines. Altraplex-AB 55 is used in dyeing of polyester blends.  Cracking agent is a multi-functional agent to optimize the pretreatment washing processes after alkaline pretreatment processes.  Altraplex-ACA is a preparation and dye bath lubricant to prevent rope marks, cressing and abrasion in cellulosic fabrics and minimize tendency of color streatments in winds/jet machines. It is also an efficient one bath scour-dye anti-	3. Improves dye penetration. 4. Low foaming & bennez color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. Calabel in alkaline solution up to 30 gl / caustic soda. 7. Concentrated & can be easily elitited. 1. It is used for lightening the shade of dyeing's and prints produced with direct dyes. 2. To proven yound from being stained when prints produced with direct dyes. 2. To proven yound from being stained when prints produced with direct dyes. 2. To proven yound from being stained when prints produced with direct dyes. 2. To proven a stain of the stained when prints produced with direct dyes. 2. To prove the stained of the stained when prints produced with direct dyes. 2. To prove the stained of the stained when prints produced with direct dyes. 3. Cood buffer capacity: Robust dyeing system "Right First Time" hence cost savings. 4. No exert andfittion of stained the stained when prints produced with direct dyes. 4. Noes crast addition of stained the stained when prints produced with direct dyes. 4. So do buffer capacity: Robust dyeing system "Right First Time" hence cost savings. 5. Non-foaming Suitable for jets 4. No exert andfittion of stain frequired to adjust the pH Easy and safe handling. 5. Non-foaming Suitable for jets 6. No exert andfittion of stained the stained with all auxiliaries and UV absorbers. 6. No extra addition of acid required to adjust the pH Easy and safe handling. 6. Non-foaming Suitable for jets 6. Non-foaming Suitabl	Based on organic acid and salts  Organic acid and salts  Special organic acids  Blend of special phosphate	Anionic  Anionic  Anionic
22 23 24 24 26	621	ALTRAPLEX-AB-45  ALTRAPLEX-AB-55  ALTRAPLEX-AC	reactive and direct dyes. It is used for lightening the shade of dyeing's and prints produced with direct dyes.  Altraplex-A8-45 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altraplex-A8 45 is recommended for pH sensitive dyes and also recommended for dyeing of polyester blends.  Altraplex-AB-55 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altraplex-AB 55 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and calculating liquor machines. Altraplex-AB 55 is used in dyeing of polyester blends.  Cracking agent is a multi-functional agent to optimize the pretreatment washing processes after alkaline pretreatment processes.  Altraplex-ACA is a preparation and dye bath lubricant to prevent rope marks, cressing and abrasion in cellulosic fabrics and minimize tendency of color streatments in winds/jet machines. It is also an efficient one bath scour-dye anti-	3. Improves dye penetration. 4. Low foaming & hence color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. Low foaming & hence color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. Sable in aliable solution up to 30 g/l caustic soda. 7. Concentrated & can be enally diluted. 1. It is used for lightening the shade of dyeing's and prints produced with direct dyes. 2. To prevent the ground from being stained when prints produced with direct dyes. 2. To prevent the ground from being stained when prints produced with direct and reactive dyes are washed off. 3. It is used as a levelling agent in dyeing with vat and direct dyes. 2. To prevent the ground from being stained when prints produced with direct and reactive dyes are washed off. 3. It is used as a levelling agent in dyeing with vat and direct dyes. 3. It is used as a levelling agent in dyeing with vat and direct dyes. 3. No problems with correct plf measurement: No plf change through electrolytes and added substance to the dyebath. 4. No extra addition of acid required to adjust the plf Easy and safe handling. 5. Non-foaming Suitable for jets 5. Non-foaming Suitable for jets 6. Lood buffer capacity: Robust dyeing system "Right First Time" hence cost savings. 6. No problems with correct plf measurement: No plf change through electrolytes and added substance to the dyebath. 6. No extra addition of acid required to adjust the plf Easy and safe handling. 6. Non-foaming Suitable for jets. 7. Non-foaming Suitable for jets. 7. Removes residual alkali and core neutralization of the textile goods to enhance the quality and reproducibility of subsequent processing of the enhance the quality and reproducibility of subsequent processing of the enhance of the development of the enhance of the enhance of the development of the enhance of the enhance of the enhance of the	Based on organic acid and salts  Organic acid and salts  Special organic acids  Blend of special phosphate	Anionic  Anionic
22	621	ALTRAPLEX-AB-45  ALTRAPLEX-AB-55  ALTRAPLEX-AC	reactive and direct dyes. It is used for lightening the shade of dyeing's and prints produced with direct dyes.  Altraplex-A8-45 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altraplex-A8 45 is recommended for pH sensitive dyes and also recommended for dyeing of polyester blends.  Altraplex-AB-55 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altraplex-AB 55 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and calculating liquor machines. Altraplex-AB 55 is used in dyeing of polyester blends.  Cracking agent is a multi-functional agent to optimize the pretreatment washing processes after alkaline pretreatment processes.  Altraplex-ACA is a preparation and dye bath lubricant to prevent rope marks, cressing and abrasion in cellulosic fabrics and minimize tendency of color streatments in winds/jet machines. It is also an efficient one bath scour-dye anti-	3. Improves dye penetration. 4. Low faming & hence color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. Low faming & hence color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. Sable in alkalies solution up to 30 g/l caustic soda. 7. Concentrated & can be easily diluted.  1. It is used for lightening the shade of dyeing's and prints produced with direct dyes. 2. To prevent the ground from being stained when prints produced with direct dyes. 2. To prevent the ground from being stained when prints produced with direct and reactive dyes are washed off. 3. It is used as a levelling agent in dyeing with vat and direct dyes. 3. It is used as a levelling agent in dyeing with vat and direct dyes. 3. It is used as a levelling agent in dyeing with vat and direct dyes. 3. No impact on fastness with correct p1 measurement: No p1 change through electrolytes and added substance to the dyebath. 3. No impact on fastness: Compatible with all auxiliaries and UV absorbers. 4. No extra addition of acid required to adjust the p1 Easy and safe handling. 5. Non-foaming Suitable for jets. 5. Non-foaming Suitable for jets. 6. Lood buffer capacity: Robust dyeing system "Right First Time" hence cost savings. 6. No problems with correct p1 measurement: No p1 change through electrolytes and added substance to the dyebath. 6. Non-foaming Suitable for jets. 6. Removes residual alkali and core neutralization of the textile goods to enhance the quality and reproducibility of subsequent processing steps. 6. Non-foaming Suitable for jets. 6. Non-foaming of the fabric rope and displacement of folds or creases in celluloisc and polyester. 6. No fight yathle to caustic alkali	Based on organic acid and salts  Organic acid and salts  Special organic acids  Blend of special phosphate	Anionic  Anionic
522	621	ALTRAPLEX-AB-45  ALTRAPLEX-AB-55  ALTRAPLEX-AC	reactive and direct dyes. It is used for lightening the shade of dyeing's and prints produced with direct dyes.  Altraplex-A8-45 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altraplex-A8 45 is recommended for pH sensitive dyes and also recommended for dyeing of polyester blends.  Altraplex-AB-55 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altraplex-AB 55 is recommended for pH sensitive dyes like a and also recommended for dyeing of polyester blends.  Cracking agent is a multi-functional agent to optimize the pretreatment washing processes after alkaline pretreatment processes.  Cracking agent is a preparation and dye bath lubricant to prevent rope marks, creating and abrasion in cellulosic fabrics and minimute tendency of color streakiness in winch/jet machines. It is also an efficient one-bath scour-dye anti-crease auxiliary for jet processing of polyester.  Altraplex-CP is an efficient dispersant (protective colloid) and chelating agent	3. Improves dye penetration. 4. Low foaming & benne color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. Alow foaming & benne color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. Stable in alkaline solution up to 30 kg / caustic soda. 7. Concentrated & can be easily elitited. 1. It is used for lightening the shade of dyeing's and prints produced with direct dyes. 2. To prove yound from being stained when prints produced with direct dyes. 2. To prove yound from being stained when prints produced with direct dyes. 2. To prove and stain the stain of the stain of the color of the stain	Based on organic acid and salts  Organic acid and salts  Special organic acids  Blend of special phosphate esters  Acrylic acid – Maleic acid	Anionic  Anionic  Anionic
22	622	ALTRAPLEX-AB-45  ALTRAPLEX-AB-55  ALTRAPLEX-AC  ALTRAPLEX-AC	reactive and direct dyes. It is used for lightening the shade of dyeing's and prints produced with direct dyes.  Altrapler-AB-45 is used in dyeing of polyseter fibers with dyes at all storages of processing all Tip processors of pass and circulating lighor machines. Altrapler-AB-45 is recommended for pit sensitive dyes and also recommended for dyeing of polyseter blends.  Altrapler-AB-55 is used in dyeing of polyseter fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altrapler-AB-55 is recommended for pit sensitive dyes like a nad also recommended for of sensitive dyes like a nad also recommended for dyeing of polyseter blends.  Cracking agent is a multi-functional agent to optimize the pretreatment washing processes after alkaline pretreatment processes.  Altrapler-AC-6 is a preparation and dye bath liabricant to prevent rope marks creating and altraplet altraplet and altr	3. Improves dye penetration. 4. Low foaming & bennez color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. Low foaming & bennez color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. Stable in alkaline solution up to 30 g/ caustic soda. 7. Concentrated & can be easily elitited. 1. It is used for lightening the shade of dyeing's and prints produced with direct dyes. 2. To prove yound from being attained when prints produced with direct dyes. 2. To prove solution of the stable of	Based on organic acid and salts  Organic acid and salts  Special organic acids  Blend of special phosphate enters	Anionic  Anionic  Anionic  Anionic
i25	622	ALTRAPLEX-AB-45  ALTRAPLEX-AB-55  ALTRAPLEX-AC  ALTRAPLEX-AC	reactive and direct dyes. It is used for lightening the shade of dyeing's and prints produced with direct dyes.  Altraplex-A8-45 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altraplex-A8 45 is recommended for pH sensitive dyes and also recommended for dyeing of polyester blends.  Altraplex-AB-55 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altraplex-AB 55 is recommended for pH sensitive dyes like a and also recommended for dyeing of polyester blends.  Cracking agent is a multi-functional agent to optimize the pretreatment washing processes after alkaline pretreatment processes.  Cracking agent is a preparation and dye bath lubricant to prevent rope marks, creating and abrasion in cellulosic fabrics and minimute tendency of color streakiness in winch/jet machines. It is also an efficient one-bath scour-dye anti-crease auxiliary for jet processing of polyester.  Altraplex-CP is an efficient dispersant (protective colloid) and chelating agent	3. Improves dye penetration. 4. Low foaming & benne color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. Low foaming & benne color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. Sable in alkaline solution up to 30 gl caustic soda. 7. Concentrated & can be easily elitted. 1. It is used for lightening the shade of dyeing's and prints produced with direct dyes. 2. To prevent the ground from being stained when prints produced with direct dyes. 2. To prevent the ground from being stained when prints produced with direct and reactive dyes are washed off. 2. It is used as a levelling agent in dyeing with vail and firect dyes. 2. To provide the special produced with direct and reactive dyes are washed off. 2. It is used as a levelling agent in dyeing with vail and firect dyes. 2. No problems with correct pH measurement: No pH change through electrolyres and added substance to the dyebath. 2. No impact on faciness: Compatible with all auxiliaries and UV shorthers. 2. Mompact on faciness: Compatible with all auxiliaries and UV shorthers. 3. Non-foaming: Suitable for jets 4. No extra addition of acid required to adjust the pH Easy and safe handling. 5. Non-foaming shall shad and core neutralization of the textile goods to enhance the quality and eproducibility of subsequent processing steps. 4. No extra addition of acid required to adjust the pH Easy and safe handling. 5. Non-foaming Suitable for jets 4. Removes residual alkali and core neutralization of the textile goods to enhance the quality and reproducibility of subsequent processing steps. 6. La the added at the end of the washing range without danger of corrosion in machines such assessment for 100% pulyerer. 6. Area sa a labericant when the fabric rups and displacement of folds or creases in angle bath score-by when the fabric rups and displacement of folds or creases in angle bath score-by when the fabric rubs against heal	Based on organic acid and salts  Organic acid and salts  Special organic acids  Blend of special phosphate esters  Acrylic acid – Maleic acid	Antonic  Antonic  Antonic  Antonic
522 523 524 525 526	622	ALTRAPLEX-AB-45  ALTRAPLEX-AB-55  ALTRAPLEX-AC  ALTRAPLEX-AC	reactive and direct dyes. It is used for lightening the shade of dyeing's and prints produced with direct dyes.  Altraplex-A8-45 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altraplex-A8 45 is recommended for pH sensitive dyes and also recommended for dyeing of polyester blends.  Altraplex-AB-55 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altraplex-AB 55 is recommended for pH sensitive dyes like a and also recommended for dyeing of polyester blends.  Cracking agent is a multi-functional agent to optimize the pretreatment washing processes after alkaline pretreatment processes.  Cracking agent is a preparation and dye bath lubricant to prevent rope marks, creating and abrasion in cellulosic fabrics and minimute tendency of color streakiness in winch/jet machines. It is also an efficient one-bath scour-dye anti-crease auxiliary for jet processing of polyester.  Altraplex-CP is an efficient dispersant (protective colloid) and chelating agent	3. Improves dye penetration.  3. Improves dye penetration.  4. Low foaming & benne color specks due to foam eliminated.  5. Promotes high liquor pick up.  6. Zolke in aliabies southern up.  7. Concentrated & can be easily diluted.  1. It is used for lightening the shade of dyeing's and prints produced with direct dyes.  1. It is used for lightening the shade of dyeing's and prints produced with direct dyes.  2. It is used an expending agent in the prints produced with direct dyes.  3. It is used as levelling agent in dyeing system Plight First Time' hence cost savings.  3. It is used as a levelling agent in dyeing system "Right First Time' hence cost savings.  4. It is used as a levelling agent in dyeing system "Right First Time' hence cost savings.  5. It is used as a levelling agent in dyeing system "Right First Time' hence cost savings.  6. It is used as a levelling agent to dyeing system "Right First Time' hence cost savings.  7. It is used as a levelling agent to the dyeing system "Right First Time' hence cost savings.  8. It is used as a levelling agent to the dyeing system "Right First Time' hence cost savings.  9. No extra addition of add required to adjust the pH Easy and safe handling.  1. Good buffer capacity: Robust dyeing system "Right First Time' hence cost savings.  2. No problems with correct pH measurement: No pH change through electrolytes and added substance to the dyebath.  1. So impact on fastness. Compatible with all auxiliaries and UV absorbers.  4. No extra addition of add required to adjust the pH Easy and safe handling.  5. Non-foaming Suitable for jets.  8. Non-foaming Suitable for jets.  1. Removes residual alkall and core neutralization of the textile goods to enhance the quality and reproducibility of subsequent processing steps.  8. No extra addition of add required to adjust the pH Easy and safe handling.  8. Non-foaming Suitable for jets.  9. Non-foaming Suitable for jets.  1. Promotes opening of the fabric rope and displacement of folds or crosses in callulation and polyester.	Based on organic acid and salts  Organic acid and salts  Special organic acids  Blend of special phosphate esters  Acrylic acid – Maleic acid	Antonic  Antonic  Antonic  Antonic
522	622	ALTRAPLEX-AB-45  ALTRAPLEX-AB-55  ALTRAPLEX-AC  ALTRAPLEX-AC	reactive and direct dyes. It is used for lightening the shade of dyeing's and prints produced with direct dyes.  Altraplex-A8-45 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altraplex-A8 45 is recommended for pH sensitive dyes and also recommended for dyeing of polyester blends.  Altraplex-AB-55 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altraplex-AB 55 is recommended for pH sensitive dyes like a and also recommended for dyeing of polyester blends.  Cracking agent is a multi-functional agent to optimize the pretreatment washing processes after alkaline pretreatment processes.  Cracking agent is a preparation and dye bath lubricant to prevent rope marks, creating and abrasion in cellulosic fabrics and minimute tendency of color streakiness in winch/jet machines. It is also an efficient one-bath scour-dye anti-crease auxiliary for jet processing of polyester.  Altraplex-CP is an efficient dispersant (protective colloid) and chelating agent	3. Improves dye penetration. 4. Low foaming & benne color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. Low foaming & benne color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. Stable in alkaline solution up to 30 kg / caustic soda. 7. Concentrated & can be easily elitited. 1. It is used for lightening the shade of dyeing's and prints produced with direct dyes. 2. To prove yound from being stained when prints produced with direct dyes. 2. To prove yound from being stained when prints produced with direct dyes. 2. To prove and stain the stain of the stain of the color of the stain o	Based on organic acid and salts  Organic acid and salts  Special organic acids  Blend of special phosphate esters  Acrylic acid – Maleic acid	Antonic  Antonic  Antonic  Antonic
22	622	ALTRAPLEX-AB-45  ALTRAPLEX-AB-55  ALTRAPLEX-AC  ALTRAPLEX-AC	reactive and direct dyes. It is used for lightening the shade of dyeing's and prints produced with direct dyes.  Altraplex-A8-45 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altraplex-A8 45 is recommended for pH sensitive dyes and also recommended for dyeing of polyester blends.  Altraplex-AB-55 is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Altraplex-AB 55 is recommended for pH sensitive dyes like a and also recommended for dyeing of polyester blends.  Cracking agent is a multi-functional agent to optimize the pretreatment washing processes after alkaline pretreatment processes.  Cracking agent is a preparation and dye bath lubricant to prevent rope marks, creating and abrasion in cellulosic fabrics and minimute tendency of color streakiness in winch/jet machines. It is also an efficient one-bath scour-dye anti-crease auxiliary for jet processing of polyester.  Altraplex-CP is an efficient dispersant (protective colloid) and chelating agent	3. Improves dye penetration. 4. Low faming & benne color specks due to foam eliminated. 5. Promotes high liquor pick up. 6. Low faming & benne color specks due to foam eliminated. 6. Promotes high liquor pick up. 6. Salbel in silabile solution up to 30 gl caustic soda. 7. Concentrated & can be easily elitted. 1. It is used for lightening the shade of dyeing's and prints produced with direct dyes. 2. To prevent the ground from being stained when prints produced with direct dyes. 2. To prevent the ground from being stained when prints produced with direct and reactive dyes are washed off. 2. It is used on a levelling agent in dyeing with vat and direct dyes. 2. To prevent the ground from being stained when prints produced with direct and reactive dyes are washed off. 2. It is used as levelling agent in dyeing with vat and direct dyes. 2. No problems with correct pH measurement: No pH change through electrolytes and added substance to the dyebath. 3. No impact on factorses: Compatible with all auxiliaries and UV absorbers. 5. Non-foaming: Suitable for jets 6. Non-foaming: Suitable for jets 7. Non-foaming: Suitable for jets 7. Non-foaming: Suitable for jets 6. Non-foaming: Suitable for jets 7. Non-foaming: Suitable for jets 7. Non-foaming: Suitable for jets 8. Non-foaming: Suitable for jets 9. Non-foaming: Suitable	Based on organic acid and salts  Organic acid and salts  Special organic acids  Blend of special phosphate esters  Acrylic acid – Maleic acid	Anionic  Anionic  Anionic  Anionic

_						
Н	A 626	ALTRAPLEX-DPL-M	C Altraplex-DPL-M is a versatile anionic detergent and wetting agent.	D  1. It is a powerful detergent (wetting purpose), emulsifying and dispersing	E Based on alkyl benzene	Anionic F
629				agent.  2. It is stable to acids, alkali, metallic salts and oxidizing and reducing agent.	Sulfonate	
630	627	ALTRAPLEX-IW	Altraplex-IW is a highly effective dispersing agent for dyeing of synthetic fibers & blends with wood & cellulosic. Altraplex-IW is a leveling agent for dyeing wood with 1.2 metal complex dyestiffs with no free sulpho groups. It also helps as leveling agent for brightening or correcting faulty dyeing's with 1:2 metal complex dyestuffs.	Concentrated liquid brand.     Can be readily diluted with water without gel formation.     Stery good dispersing effect.     Improves the dispersion and migration power of 1:2 metal complex dyestuffs.     Makes possible the dyeing of wool at pH 4-5.	Alkyl polyglycol ether	Non-ionic
	628	ALTRAPLEX-NBO	Altraples-NBO sa norganic sequestrant with excellent chelating action on Calcium, Magnesim, non and Copper for the treatment or hard water and heavy metal ions over a wide range of pH and temperature in preparation, coloration and finishing processes.	L Possessen high hydrolytic stability and maintains its sequestering activity across a wide plr tange.  2. It has a pood deflocculating property and dispersing action on suspended solids.  3. Improves brightness in cottons during scouring and bleaching and in washing of colored fabrics.  4. Eliminates tendency of salt precipitation during print-paste preparations. 5. Acts as an efficient peroxide stability in bleach liquor and prevents occurrence of pin-holes in cotton fabrics.  6. Resistant to oxidizing agents, such as hydrogen peroxide and perborate	Based on organic acid salts.	Anionic
632	629	ALTRAPLEX-NE	Altraplex-NE is a liquid neutralization agent to remove alfali and core neutralization	1. Is used for neutralizing of fittishing processes.  2. Guarantees for a neutral to weakly acid plf value on the fabric.  3. The application of Altraples-XE for neutralization compensates for a plf change on the fabric through the industrial water.  4. The plf value of fabric treated with Altraples-NE does not change if stored or dwelled for a long time.  5. Prevents fiber dramages in comparison to mineral acids.  6. Is not volatile and therefore causes no corrosion to the stenter or other machines.  7. It is odorfess compare to formic acid & acetic acid.	Mixture of organic/inorganic buffers	Non-ionic
633	630	ALTRAPLEX-RC	Altraplex-RC is a levelling and dispersing agent for dyeing polyester fibers with disperse dyestuffs by the HT process. Fluorescent whitening of polyester fibers with disperse PM soby the HT process. Dyeing the polyester component of polyester/cellulosic blends by the HT process.	Pronounced dispersing properties.     Very good leveling effect.     Trevents filterion of dyestuffs.     A. Does not increase the AOX content of waste water.     Readily soluble in water.     Pumpable.	Aryl polyglycol ether derivative	Anionic
624	631	ALTRAPLEX-RSK	Altragher-SSK is a Washing off or soaping agent for reactive dyed fabrics. It is a dispersant and proceed vector colloid with binding properties for calcium, magnesium and heavy metal ions, for use in dyeing cellulosic fibers and their blends.	1. Action based on dispersing and calcium/magnesium-inactivating properties: 2. Disperses the sparingly soluble salts that are formed from calcium and magnesium (e.g. calcium carbonate) and precipitated deye and hardness ions. Improves dyebath stability Promotes the best possible conditions for level dyeing s. 3. Has a "softening effect" on the dyebath. Prevents stains, markings and unlevelness. Increase; yield and improve reproducibility of dyeing's produced with dyes that are sensitive to calcium and magnesium. 4. Binds heavy metal ions in water. Binding with dyes sensitive to ion and/or copper. 5. Prevents dye agglomeration induced by hard water or salt additions. 6. Surfactant-free, non-foaming formulation: 7. No de-metallization of dyes:	Mixture of addition complexing agent & polymers	Anionic
635	632	ALTRAPLEX-S	Attraples 5s an organic expuestrant with excellent chalating action on Calcium, Magnesium, from and Copper for the trustment or hard water and keovy metal ions over a wide range of pH and temperature in preparation, dyeing and finishing processes.	Possessen high hydrodyric stability and maintains its sequestering activity across a wide pit drappe.  2 Has good deflocculating property and dispersing action on suspended solids.  3. Improves brightness in cottons during scouring and bleaching and in washing of colored fabrics.  4. Eliminates tendency of salt precipitation during print-paste preparations. S. Acts as an efficient persondis stability in bleach liquor and prevents occurrence of pin-holes in cotton fabrics.	Based on organic acid salts	Anionic
	633	ALTRAPIEX-SAR	Altragles-SAR is a washing off or soaping agent for reactive dyed fabrics. It is a dispersant and poeter eve colloid with hinding properties for calcium, magnesium and heavy metal ions, for use in dyeing cellulosic fibers and their blends	1. Action based on dispersing and calcium/magnesium-inactivating properties: 2. Disperses the sparingly soluble salts that are formed from calcium and magnesium (e.g. calcium carbonate) and precipitared dyes and hardness ions. Improves dyebath stability Promotes the best possible conditions for level improves dyebath stability Promotes the best possible conditions for level and unlevelness. Increases yield and improves reproducebility of dyeing's produced with dyes that are sensitive to calcium and magnesium. 4. Binds heavy metal ions in water. Binding with dyes sensitive to iron and/or copper. 5. Prevents dye agglomeration induced by hard water or salt additions. 6. Surfactant free, non-foaming formulation. 7. No de-metalitration of dyes:	Mixture of addition complexing agent & polymers	Anionic
636	634	ALTRAPLEX-SHP	Altraplex SHP is a dye transfer inhibitor for laundry detergents. It is a special modified polymer that prevents bleeding dyes from staining other garments. It thereby contributes significantly to the development of high-performance color detergents.	I. It offers an excellent cost/benefit ratio in detergent formulations.     It is the most effective dye transfer inhibitors for liquid laundry and powder detergents, compared with conventional Polyvinylpyrrolidone polymer (PVP).	Co-Polymer of 1- vinylimidazole & 1-vinyl-2- prrolidone, modified	Weakly cationic
637	635	ALTRAPLEX-SRD/CONC	Altraples-SRD-Conc is a soaping agent for dyeing and printing of reactive dyes. It is also a complexing and sequestering agent of calcium and magnesium salts.	Used in dyeing, carries a high dispersing power.     R does not sequester the dyestulf metals and does not retard the exhaustion.     Promotes removal of unfixed reactive dyes during scaping treatment.     Does not contain surfactants and therefore does not generate foam.     Diluted in water in all proportions. Stock solutions are stable for several days.	Acrylic-saccharic copolymer	Anionic
030	636	ALTRAPLEX-XBM	Altraplex-XBM is a washing off additive. Removes residual dyestuff if used post dyeing	1. Effectively cleans solied & statiend textle material. 2. Improves highlaness when used on dyng fathrics. 3. Improves whiteness when used on white fathrics. 4. Removes readined operatiff ruse op boat dyving. 5. Highly effective back-statining stripper. 6. Enhanced cleaning action on agraments & denim. 7. Effective neutralizer / LABSA free. 8. APBO/NPBO free.	Blend of specialty chemicals	Nonionic / weakly anionic
640	637	ALTRASPERSE-CSN-ECO	Altrasperse-CSN-ECO is efficient complexing agent and protective colloid for dyeing cotton and bleads with vat dyes. It does not affect the shade or fistness of textiles. It is free of phosphates and phosphonates.	I. It has an excellent dispersing action on impurities of cotton and precipitated solids caused by hard water.  I formers high cloop yield when vat dyes are applied in the presence of hardness was a solid property of the presence of hardness was called a solid property of the presence of hardness was called a solid property of the presence of the	Polymeric carboxylic acid	
641	638	ALTRASPERSE-MU	Altrasperse MU is a special, solvent-free product for the cleaning of textile, printing and dyeing machines. It can also be used for reduction cleaning of PES dyeing.	Resistant to alkalis, acids and electrolytes in all usual concentration.     Resistant to have are in all usual concentration.     When the second of t	Preparation of specialty surfactants	Weakly anionic
	639	ANTIFOAM-FB-50	Antifam: PIE-50 is an antifoam concentrate, designed to be easily formulated into cost-effective antifoams for the testle industry. The product is very efficient in controlling foam in all industrial processes.	Highly efficient antifoam at low concentration levels (25-50 ppm).     Statiant foam control throughout the process cycle.     Stable at high shear.     Stability to a wide range of pH and temperature conditions.     Stability to a wide range of pH and temperature conditions.	Polydimethyl siloxane	Nonionic
642	640	ANTIFOAM-PHD	A high-performance antifoam emulsion available for multiple uses in the textile industry. A high-performance antifoam emulsion available for multiple uses in the textile industry.  The description of the	Highly efficient antifosm at low concentration levels (25–50 ppm).     Sustained fosm control throughout the process cycle.     Sable at high sharing of plf and temperature conditions.     Sableity to a wide range of plf and temperature conditions.     Sableity to a wide range of plf and temperature conditions.     Sableity to a wide range of plf and temperature conditions.     Sableity to a wide range of the sable to a	Polydimethyl siloxane	Nonionic

$\overline{}$			-	P		
644	641	DEFOAM-SDA	Defoam-NS is a 100% active liquid non-silicone based defoamer primarily for use in textile dyeing. It can be used in jets & other dyeing operations, printing sizing, scouring & coating where foam control is important.	L Effective in many wet processing operations including jet dyeing.  2 Non-silicone based, No silicone fammability.  3 Nopera dista haibility - no silicone spots.  4 Effective dyebath stability in hard water.  5 High size quejument cloan.  6 Eliminate foam build up on cool-down druring jet dyeing.  7 Heing slicone-free; t will not cause objectionable silicone residual buildup on equipment. Tests indicate that this defoamer has no adverse effect on fabric flammability.	Mineral oil fatty acid derivative	Nonionic  Non-ionic
645	642		Defoam-SDA is a defoamer & antifoam based on polysiloxane, having prolonged emulsion stability.	1. Is a versatile defoamer used in various textiles operations like jet dyeing etc. wherever foaming problem arises. 2. It destroys the foam immediately depending upon the processing conditions such as pH, type of water and temperature of the medium.	Polydimethyl siloxane	Non-tonic
646	643	NEUTROX-ALN	Neutros.ALN is an auxiliary used for neutralizing residual peroxide & hypochlorite from processed garments & fabric after bleaching cycle & subsequent dyeing with reactive dyes.	1. Optimizing of bleaching & dyeling cycles. 2. Swingt in energy & water consumption. 3. Reduced effluent quantity. 4. Reproducible & consistent results. 5. Reducing agent against the rests of sodium hypochlorite used for jeans 5. Reducing agent against the rests of sodium hypochlorite used for jeans 6. Reducing concess when washing and neutralizing is carried out, it eliminates chlorine rests, it also eliminates eventual resistance loss & yellow produced by chlorine remains. 7. Product exempt of odor, which could be usual in other anti-chlorine products.	Inorganic compound	Nonionic
647	644	PEROSTAB-AC	Perostab-AC is an alkaline stabilizer for peroxide bleaching	1. Is a non-surface active stabilizer for the alkaline peroxide bleach. The product gives non-feaming bleaching liquors and can be applied for bleaching procedures with and without silicate of sold. 2 it has excellent peroxide stabilizing properties in the presence of catalytic heavy metals such as iron, copper and managenese.	Organic chelate forming compounds based on hydrocarbonic acids	Anionic
648	645	PEROSTAB-CPB	Perostab-CPB is an organic stabilizer for alkaline hydrogen peroside bleaching.	Suitable for cellulosic fibers and their blends with synthetic fibers.     Suitable for all processes.     Thrimarily for old pad-batch peroxide extraction bleaching.     Extremely suitable for silicate free pad-steam bleaching.     Extremely high iron bonding power.     EDTA free.	Combination of organic hydroxy compounds and carboxylic acids	Anionic
649	646	PEROSTAB-EC	Perostab-EC is an economical peroxide stabilizer for use in peroxide cold, pad- steam bleaching without silicate as well as the alkaline discontinuous long- liquor peroxide bleaching process.	1.Stabilizer for the alkaline peroxide bleaching in long liquors, of cellulosic fibers and their blends with synthetic fibers. 2.Although it is not necessary to add the components to the bleaching liquor in any particular order, the following procedure has proved very satisfactory.	Phosphonic acid derivative	Anionic
650	647	PEROSTAB-ECO	Perostab-ECO is an alkaline stabilizer for peroxide bleaching.	I. is a non-surface active stabilizer for the alkaline peroxide bleach. The product gives non-foaming bleaching fluors and can be applied for bleaching procedures with and without stilicate of soda.      I. thas excellent peroxide stabilizing properties in the presence of catalytic heavy metals such as iron, copper and mangamese.	Organic chelate forming compounds	Anionic
651	648	PEROSTAB-DCB	Perostab-DCB is an organic stabilizer for alkaline hydrogen peroxide bleaching.	Suitable for cellulosic fibers and their blends with synthetic fibers.     Suitable for all processes.     Primarily for old pad-batch peroxide extraction bleaching.     Extremely suitable for silicate free pad-steam bleaching.     Extremely high iron bonding power.     EDTA free.	Combination of organic hydroxy compounds and carboxylic acids	Anionic
652	649	PEROSTAB-GI	Perostab-GI is an alkaline stabilizer for peroxide bleaching.	1.1s a non-surface active stabilizer for the alkaline peroxide bleach. The product gives non-foaming bleaching liquors and can be applied for bleaching procedures with and without silicate of soda. 2. It has excellent peroxide stabilizing properties in the presence of catalytic heavy metals such as iron, copper and manganese.	Organic chelate forming compounds	Anionic
653	650	PEROSTAB-GL	Perostab-GL is an alkaline stabilizer for peroxide bleaching	1. Blooking processes without loss of stability as well as maximum witness through controlled decomposition of the bleaching agent.  2. Sulted for officuous procedures  4. Good binding properties towards hardeners and heavy metals  5. High dispersion captures  6. Stabiliting peroxide  7. Reduces catalytic damases	Organic chelate forming compounds	Anionic
033	651	PEROSTAB-ICE	Perotab-XE is used in perotde cold, pad-steam bleaching without silicate as well as the abiliand infocunitions uology-gloup perotde bleaching process. Bleaching cellulosic fibers and their blends with perotde by the cold pad-batch, pad-steam routine without silicate as well as the discontinuous long liquor bleaching process.	A Securical claim of liminate roundies, e.g. bydrogen peroxide, sodium peroxide I The oratiol-List Security of the Company of	Phosphonic acid derivative	Anionic
654	652	PEROSTAB-LN	Perostab-LN is an organic stabilizer for alkaline hydrogen peroxide bleaching.	Suitable for cellulosic fibers and their blends with synthetic fibers.  1. Suitable for all processes.  2. Primarily for cold pad-batch peroxide extraction bleaching.  3. Extremely suitable for silicate free pad-steam bleaching.  4. EXDTA free.  5. EXDTA free.	Combination of organic hydroxy compounds and carboxylic acids	Anionic
656	653	PEROSTAB-NW	Perostab-NW is an organic stabilizer for alkaline hydrogen peroxide bleaching	Suitable for cellulosic fibers and their blends with synthetic fiber.     Zsuitable for all processes.     Srimarily for cold pad-batch peroxide extraction bleaching.     Extremely suitable for silicate free pad-steam bleaching.     Extremely shigh iron bonding power.     EBTA free.	Combination of organic hydroxy compounds and carboxylic acids	Anionic
657	654	PEROSTAB-PFS	Perotab-PFS is a stabilizer for use in perodde cold, pad-steam bleaching without silicate as well as the alkaline discontinuous long-liquor perooide bleaching process. Bleaching cellulosic fibers and their blends with peroxide by the cold pad-batch, pad-steam routine without silicate as well as the discontinuous long liquor bleaching process.	Sabilizing/regulating function.     Dispersing rystallization-inhibiting, threshold effect.     Ones not contain silicate.     Dees not contain surfactants.     Liquid, pumpable formulation, miscible with water.	Sodium salt of oligomeric ester condensates with polycarboxylic acid.	Anionic
658	655	PEROSTAB-PL	Perostab-PL is used in peroxide cold, pad-steam bleaching without silicate as well as the alkalind discontinuous long-laupo peroxide bleaching process. Bleaching cellulosic filhers and their blends with peroxide by the cold pad-batch, pad-steam routine without silicate as well as the discontinuous long liquor bleaching process.	1. Perostab: Pt. stabilizes peroxides, e.g. hydrogen peroxide, sodium peroxide etc. in allatine bleaching baths. 2. It thus prevents the peroxide from decomposing too rapidly and provides optimum ther protection. 3. Its dispersing action prevents impurities in the cotton from redepositing in the material during bleaching and promotes their removal in the washing-off process.	Phosphonic acid derivative	Anionic
650	656	PEROSTAB-PS	Perostab-PS is an alkaline stabilizer for peroxide bleaching.	1. Is a non-surface active stabilizer for the alkaline peroude bleach. The product gives non-foaming bleaching liquors and can be applied for bleaching procedures with and without silicate of soda. 2. It has excellent peroxide stabilizing properties in the presence of catalytic heavy metals such as iron, copper and managenese	Phosphonic acid derivative	Anionic
660	657	PEROSTAB-XL	Perotab.X. Is used in perotide odd, pad-steam bleaching without silicate as well as the abiliant discontinuous logs-juving peroted bleaching process. Bleaching cellulosis effects and their blends with perotide by the cold pad-batch, pad-steam continuous through the process. Bleaching cellulosis effects and their blends with perotide by the cold pad-batch, pad-steam continuous through the process.	L Perotach M., stabilizes peroxides, e.g. hydrogen peroxide, sodium peroxide etc in alluline beleeting baths.  2k thus prevent the peroxide from decomposing too rapidly and provides optimum fiber protection.  3. Its dispersing action prevents impurities in the cotton from redepositing in the material during bleaching and promotes their removal in the washing-off process.	Phosphonic acid derivative	
SE1	658	PRODUCT-2115	Product 2.15 is a high performance, low-foam auxiliary with recollent indispersings, buffering and sequestering action during the dywing of disperse dyes on 100% polyester and on polyester blended fabric, yarn and loose-stock	1. Maintains a constant acidic pl throughout the polywater dysting crice.  2. Prevents interference at the dysing stage of calcium, nagasusium and heavy metal ions to eliminate formation of unwanted stains or deposits.  3. Widens choice of eyes to include disperse colours which are generally sensitive to alkali or reduction.  4. Improves shade consistency and level-dyed results even when feed-water hardness or alkalinity may color.	Blend of organic acid salts and surfactants	Anionic
662	659	PRODUCT-D8-N	Product DBN low temperature bleaching agent for cellosics & its blends	I Reduced use of thermal energy, effective use of chemicals with corresponding reduction in the load or susterester and in the operational load on a limited number of experienced workers in particular are of great advantage.  2. In addition, it gives fabric as oft hand without cassing damage, and having no machinery corrosion or problems in the operational environment it imparts good water absorbers; resulting from superior, uniform bleaching and courring, which guarantee level depending in the following state.  3. One battl desize soour of Polyester, cotton & blended fabrics.	Blend of non-ionic and anionic surfactants with oxidative Compounds	Anionic

_				-		
H	A 660	8 PROSURF-810	Prosurf-810 exhibits excellent caustic stability and solubility in caustic and saline solutions. Due to its good wetting and dispersing properties it can be used for caustic, neutrial and acidic hard surface cleaning for the household and institutional sector.	D 1. Produced from natural, renewable resources. 2. It shows excellent solubilizing properties in highly concentrated surfactant solutions and also in the presence of salt and alkalais. 3. It is compatible with other classes of surface active agents. 4. It has excellent wetting properties.	E Based on C10 alkyl glucoside	F Non-ionic
663	661	PROSURF-LA	Prosurf-IA is a non-ionic emulsifier, dispersing agent, wetting agent, industrial cleaning agent, all purpose and special cleaners, powders & liquid detergents. It is a surface active agent for thickening of surfactant preparations.	S. Readily biodegradable.  1. Synergistic effects with other surfactants.  2. Good hard water stability:  3. High surface activity and detergency.  4. Chemical stability over a wide pit range.  5. Low environmental impact as a result of rapid and complete	Alcohols C12-C14 ethoxylated	Non-ionic
664	662	PROSURF-PEG-40-S	Prosurf-PEG-40-S is a very hydrophilic emulsifler, stabilizer, solubilizer, anti- gellant and lubricant. It can be used as a primary emulsifler for a variety of emolilere foils and waxes, particularly in creams, lotions, shampoos, deodorants and makeup.	1. Prosurf-PEG-40-S cleans the skin and hair by helping water to mix with oil and dirt so that they can be frinsed away.  2. Auti-foaming agent / defoamer: Reduces or hinders the formation of foam.  3. Binder/ shabiture. Reduces the playsical characteristics of food/cosmetics and ensures the mixture remains in an even state.  4. Brandslifer: Allow water & dist to remain mixed together to form an emulsion.  5. Surfactant. Reduces the surface tension to allow mixtures to be formed evenly.  6. Compatible with lipophilic compounds due to higher free fatty acid content.	Ethoxylated fatty acid	Non-ionic
665	663	PROSURF-PSB-60	Prosurf-PSB-60 is a synthetic multi-component substrate that can be used as a surfactant, emulsifier, solvent, stabilizer in cosmetics and personal care products. It is used in industries such as the textile industry, the cosmetics industry and metal processing.	L Prosurf-PSB-60 is used in the textile industry as one of the ingredients in the process of production of polyacrylic fibers. It is well known for its uses as a softener and institute agent. If give the fiber good dying properties.  2. Prosurf-PSB-60 acts as a surfaciant to reduce the surface tension between the process of the proces	Polyoxyethylene sorbitan monostearate	Non-ionic
667	664	PROSURF-TA	Prosurf-TA functions as a surfactant, wetting agent solubilizer in textile processing, anti-corrosion agent in oil & gas, and adjuvant in agrochemicals	It if this applications in leather and textile processing aids, paints, inks. commercies, perform products, metal tracting, synthetic filter manufacture and production of paper and plastic products as emulsifiers, dispersants, wetting agents and object very department of the products as emulsifiers, dispersants, vertica agents and object strongly to most metal, filter and mineral surfaces, which makes them useful as corrosion inhibitors, notineers, anti-static agents and adhesion promoters.  3.1 can be used in formulating emulsifier blends. 4.1 its misculde with cattonic and anionic surfactants and used as adjuvant in periodiced and beriched formulation.	Tallow amine ethoxylate	Non-ionic
	665	PROSURF-TDA	Prosurt-TDA is a non-ionic surfactant for detergents & cleaners and for the chemical and allied industries.	I Prosurt-TDA belongs to a group of non-ionic surfactants that have established themselves in detergents and cleaners, and in other branches of the chemical industry, by virtue of the high levels of surface activity they display.  2. Their main area of application is in detergents and cleaners for household, industrial and institutional size.  Industrial and institutional size.  At Pay are fully compatible with allysid yet suphonates, extensic and notionic surfactants and auxiliaries.  4. They are fully compatible with allysid yet suphonates, exher sulphates & other sulphated & sulphonated products. This enables synergistic effects & other sulphated & sulphonated products. This enables synergistic effects were high level of performance to be obtained such as and the investigation of the sulphonated products. This enables synergistic effects were highly level of performance to be obtained under the sulphonated surfactants such as and the love-formance surfactants in our Modified surfactants such as and the love-forming surfactants in our Modified Let-401 types (undeed) to the surfactants and the substances with a molar mass in the upper range is also very good.  6. The versatility of Prosure-TDA is such that it can be used for formulate acid, alkaline and neutral cleaners that satisfy the most varied requirements.	Iso-tridecyl alcohol ethoxylate	Non-tonic
668	666	PROSURF-TSP-16	Prosurf-TSP-16 is a non-ionic surfactant that can be used as an emulsifier or dispersant in a variety of agricultural formulations.	I. It is used for emulsion polymerization & pigments emulsion. 2 It has excellent emulsion stabilizer, high HLB emulsifier & dispersant agent. 3.1 Ic an he used as non-ionic emulsifiers or dispersants in a varriety of agricultural formulations, including suspension concentrates, emulsifiable concentrates and incre emulsions. 4. It supplements the emulsifying agents, and dispersant commonly used in O/W paints.	Tristyrylphenol ethoxylates	Non-ionic
670	667	PROSURF-UD-790	Prosurf-UD-790 wide range of applications and used as emulsifier and surfactants in various industries like textile, automotive, paint, etc.	Excellent wetting properties.     Very effective emulsifier and dispersant.     Compatible with he non-ionic, anionic and cationic ingredients of the formulation,     Improve the absorbency of the dye into cotton during bleaching.     Readily biodegradable.	Alcohol-C11, ethoxylated	Non-ionic
	668	PROSURF-VO-360	Prosurf. VO.360 has a good emulsifying, wetting, penetrating, dispersing and solubilizing abilities. It is suitable for emulsification of various vegetable oils, mineral oils, waxes, etc. It is free from NPE and is environmentally friendly.	L Emulsifier combination of nan-innic and anionic surfactants is used successfully for making up a number of biocides in the form of self-emulsifying liquid concentrates.  2.1 shows exceller emulsification characteristics for many solvents typically used in agrochemical formulations.  3.1 is applicable to various emulsifiers, especially in organic phosphorus emulsifier, where it shows a prominent wetting and synergetic effect.  4.1 can be used as industrial emulsifier, eneperically in organic phosphorus emulsifier, where it shows a prominent wetting and synergetic effect.  4.1 can be used as industrial emulsifier, eneperically in organic phosphorus emulsifier, where it shows a prominent wetting and synergetic effect.  4.1 can be used as industrial emulsifier, penetrating agent, striking agent, elseling agent, affastic agent, whishing agent, dispersing agent, degressing agent, degressing agent, degressing agent, plasticizing agent and chemical intermediate.	Ethoxylated vegetable oil	Non-ionic
671	669	QUENCH-BA/ Neutrox BA	Optical Brightener Quencher. "a highly effective, fast working quenching agent for the fluorescent whitening agents used in the paper industry.	1. Unlike conventional UV absorbers quench BA performs the OBA masking function by forming a complex with OBA thereby preventing reemission in wisible spectrum.  2. Rapid quenching of hoursescence in machine, stock preparation equipment & pipe systems considerably shorters the change-over times.  3. Resulting increase in production results in cost benefits which are far greater than the cost of product.  4. Helps correct fabrics/garments with localized OBA patches or stains.  5. Permits complete removal of OBA from treated textiles.	Benzene carboxylic acid amide derivative.	Cationic
672	670	QUENCH-CPN	Quench-CPN is used for rapid removal of potassium permanganate & hypochlorite residues from processed garments.	1. Reducing agent against the rests of sodium hypochlorite used for jeans bloaching. 2. Elleaching process when washing and neutralizing is carried out, it eliminates chlorine rests, it also eliminates eventual resistance loss & yellow produced by chlorine remains. 3. Product exempt of odor, which could be usual in other anti-chlorine products. 4. Applicable after Ultrafresh MG and other bleaching based on permangainate. 5. Complete removal of yellow tint from denim after PP restments & leaving demin host blear in compare to traditional neutralizor, metablisulfite. 6. Ellinitates coloration produced by mangainese dioxide.	Blend of inorganic salt	Non-ionic

A 671	guench-epn	Quench-EPN is a Rio-based, sulphur-free neutralizer used to neutralize potassium permanganate. PP substitutes and chlorine bleached garments. Quench EPN works at room temperature at pH 4.0 – 6.0.	Li it is used for removing manganee disude from bleached garments. In chlorine bleaching it is applied for stopping the bleaching process. Thereby, it replaces cologically harmful or corrovies substances like hydroxylamine salfate (HAS) or sodium bisulfie / metabisulfite.  2. It is also suitable for the neutralization of active chlorine.  3. Provides better contrast and brighter shades to garments.  4. It is a substitution of ocalic cald, doulm pyromiffite or hydroxylamine salphate.  5. It is fee of formaldehyde, APEO, heavy metal ions and it works at room temperatures.	E Mixture of organic and inorganic substances	F Nonionic
672	QUENCH-PPM-ECO	Quench-PPM-ECOLs used for rapid removal of potassium permanganate & hypochlorite residues from processed garments.	1. Reducing agent against the rests of sodium hypochlorite used for jeans bleaching. 2. Bleaching process when washing and neutralizing is carried out, it eliminates choire nexts: It also eliminates eventual resistance loss & yellow produced by chlorine remains. 2. Product exempt of odor, which could be usual in other anti-chlorine products. 4. Applicable after Ultrafresh MG and other based on permanganate. 5. Complete removal of yellow tint from denim after PP treatment & leaving denim look bluer in compare to traditional neutralizer, Metabisulfite. 6. Eliminates coloration produced by manganese dioxide.	Organic & inorganic substances	Non-ionic
673	QUEST-3P	Quest-3P is a highly efficient antistatic agent for universal application. It has a good stability to the usual concentrations of acids, alicilis and saits. It can be combined with animic and non-ionity products. It compatibility with cuttour products has to be checked in preliminary traits.	Excellent antistatic effect.  1. Suitable for all fiber sorts; preferred application on synthetic fibers and  2. Sortale for all fiber sorts; preferred application on synthetic fibers and  2. No influence on bandle.  3. No yellowing, even at higher drying and fixing temperatures.  4. The color shade and the fastness level of the dyeing's not influenced.  5. Can be well combined with softeners and other finishes; in combination with cattonic products we recommend carrying out preliminary tests to verify the compatibility.	Phosphoric acid ester	Anionic
674	QUEST-ICA	Quest-CLA is a fabric conditioner imparts durable soil release & anti-soil re- disposition properties to 100% polyecter, uplow & its blends under a variety of application conditions. It may be applied before, during or after dyeing, it may be used with disperse & cationic dyes or combination thereof. Remarkably improved moisture transport (water absorption & wicking) is obtained with fabric troated with Quest-ICA.	Increased wearer conflort. By creating a special bydrophilic surface on the polyester fabric, Duest-16A enables to gament to absorb moisture from the body and allow it to evaporate. In other worsd (quest-16A, gives polyseter the ability to Threather and impart a coal, aborbent feeling.  2. Antistatic effect: It minimizes the build-up of irritating static charges in the labric and therefore eliminates the undesirable chaping problem often encountered in polyseter garments. This antistatic protection also reduces the pick-up of above dust and therefore reduces the cleaning effort. The pick-up of a charge of the control of the mildest wash and do not need expensive detergents.  3. Lower soil redposition: The special soil release action of Quest-16A ensures that white fabrics stay white and colored fabrics stay bright. The "graying" or "dulling" of abive, which occurs during domestic washing is markedly reduced.	Polyester resin	Non-ionic
675	ULTRA-1030	Ultra-1030 has an excellent wetting power. Over the wide pH and temperature range. Exhibits outstanding detergent effect.	1. Very good wetting and detergent action.  2. Excellent dispersing and emulsifying properties.  3. Stable to alkaline and acidic liquors.  4. Stable to meal salts and hard water.  5. Smooth and trouble free running of the goods.  6. Very good removal of oily and greasy impurities. Universal application.  7. Has very good wetting and detergency action with extremely hard water.	Ethoxylate & blend	Non-ionic
676	ALQUAT-AR	Alquat AR is economical sodu ash replacement during dyeing of cellulosic fabric	1. Reduced dyestuff hydrolysis. 2. Cleanen, brigher shades. 3. Convenience-liquid v/s solid. 4. Bag disposal is eliminated as is the problem of torn bags, loss of material and dustring. 5. Dissolves in rold water. 6. No clogged drains. Easier to rinse. 7. Improved coder yield.	Aqueous solution of inorganic alkalis	Non-ionic
677	ALQUAT-CCL	Alquat-CCL is a specially developed cationic, water soluble polymer intended for use in the cationising of cotton goods prior to dyeing process.	pigment dyeing for brighter colour 2. It is also used as an after finishing agent to improve wash and crock fastness of reactive and direct dyed fabrics. It increases the amount of dye uptake that can be exhausted onto cellulosic fabric with direct, pigment, fibre	Polycation	Cationic
678	ALQUAT-M	Alquat-M is a specially developed cationic, water soluble polymer intended for use in the cationising of cotton goods prior to pigment dyeing , acid dyeing on cotton	Cationizer for pigment dyeing by exhaust process. Garment dyeing i.e. pigment dyeing for brighter colour     Cationiser for direct, reactive & acid dyes on cotton 3. Cationizer for acid dyes.	Polyamine resin	Weakly Cationic
679	ALQUAT-WRD	Adquat-WRD is an eco-friendly cationic dye fixing agent for reactive, vat, sulphur & direct dyes which does not contain formaldehyde in its formulation. It does not affect either light fastness or the shade of the treated material. It can be applied by exhaust as well as pad application.	Formaldehyde free: Suitable for Oeko-Tex and baby wear.     It does not affect shade or light fastness therefore rematching not required.     It is versatile, thus suitable for pad & exhaust applications	Aqueous preparation of an aliphatic polyetheramine	Cationic
680	ALTRAPLEX-CB	Altraplex-CB is padding auxiliary for continuous dyeing of piece goods produced from cotton, polyester and polyester/cotton blends.	of fabrics produced from cellulosic fibers and their blends with manmade	Acrylic copolymer	Anionic
681	ALTRAPLEX-CBD	Altraplex-CBD is padding auxiliary for continuous dyeing of piece goods produced from cotton, polyester and polyester/cotton blends	INDERS  1. It prevents the migration of pigment particles during intermediate drying of fabrics produced from cellulosic fibers and their blends with manmade	Acrylic copolymer	Anionic
682	AMPLIFY-6695	Amplify-6695 is a color deepening agent designed to increase the depth of primarily polyester and their blended fabrics, dyed in black, navy blue or dark shades by post treatment of fabric. Excellent color deepening with Redder & brighter tone effects are observed.	filbers.  1. Provides maximum color-depth of disperse black & sulphur black.  2. Produces astounding JET black shade depth in redder tone.  3. High durability to multiple cycles of washing and dry-cleaning.  4. Free from slip trouble, natl Mark, hand marks, spot problem.  5. Does not affect the fastness properties of dyeing.  6. Very good mechanical / themical / thermal stability.  6. Very good mechanical / chemical / thermal stability.  8. No problems of ending and tailing.  10. Redder & brighter tone.	resin	
683	AMPLIFY-6708	Amplify-6708 is a color deepening agent designed to increase the depth of primarily polysest and their blended fabrics, dyed in black, navy blue or dark shades by post treatment of fabric.	1. Provides maximum color-depth of disperse black & sulphur black.  2. Produces astounding [ET black shade depth in redder tone.  3. High durability to multiple cycles of washing and dry-deaning.  4. Free from slip rouble, and Mark shad marks, spot problem.  5. Does not affect the fastness properties of dyving.  6. Very good mechanical / chemical / thermal stability.  7. Handle Neutral, somewhat bullsy, non-slippery.  8. No problems of ending and tailing.  9. Redder tone.	resin	
684	AMPLIFY-6712	Amplify 6712 is a color despening agent designed to increase the depth of primarily polyseize and their blended fabrics, dyed in black, navy blue or dark shades by post treatment of fabric. Excellent color despening with Redder & brighter tone effects are observed.	1. Provides maximum color depth of disperse black & sulphur black. 2. Produces attornoling IET black shade depth in redder no. 3. High durability to multiple cycles of washing and dry-deaning. 4. Free from slip rouble, and Mark. Anna marks, spot problem. 5. Does not affect the fastness properties of dyving. 6. Very good mechanical / deninal of thermal stability. 7. Handle Neutral, somewhat bulky, non-slippery. 8. No problems of ending and tailing. 9. Redder & brighter tone 9. Redder & brighter tone	resin	
685	AMPLIFY-BR/CONC	Amplify BR-Conc is a color despening agent designed to increase the depth of primarily polyester and their blended fabrics, dyed in all shades by post treatment of fabric for bright deep look.	1. Provides maximum color depth of disperse black & sulphur black. 2. It gives bright look on fabric. 3. Excellent durability stable to multiple washing and dry-cleaning cycles. 4. Free from slip trouble, hand marks, sop problem. 5. Does not affect the fatness properties of dyeing. 6. Very good mechanical / chemical / thermal stability. 7. No occurrence of chalk marks. 8. No problems of ending and tailing.	Special type hybrid acrylic resin	Weakly cationic
686	AMPLIFY-BL/CONC	Amplify Bit. Conc. in a color despensing agent with bluish tone designed to increase the depth of primarily polyester and their blended fabrics, dyed in black, navy blue or dark shades by post treatment of fabric.	1. Provides maximum color depth of disperse black & aluphur black. 2. Produces astounding [ET black; in blush shade. 3. Excellent durability stable to multiple washing and dry-cleaning cycles. 4. Free from slip trouble, hand marks, sop problem. 5. Does not affect the fastness properties of dyeing. 6. Very good mechanical / demical / thermal stability. 7. Handle: Neutral, somewhat bally, non-slippery. 9. No problems of ending and tailing.	Special type hybrid acrylic resin	Weakly cation
	672 673 673 674 677 677 678 679 680 681 682	672 QUENCH-PPM-ECO  673 QUEST-3P  674 QUEST-ICA  675 ULTRA-1030  676 ALQUAT-AR  677 ALQUAT-CCL  678 ALQUAT-WRD  680 ALTRA-PLEX-CB  681 ALTRA-PLEX-CBD  682 AMPLIFY-6795  683 AMPLIFY-6708	protection processed grammagement and obtained baseded garments.  Question 100 words at room temperature at girl 40 - 6.0.  QUEST-SPP-ECO  QUEST-SPP-ECO  Question-100 word for repair removal of potentium permangement & hypochiarties readous from processed gramments.  QUEST-SPP  QUEST-S	whether the work of the work of part of 1. It is a final to the state of any state of the state of the work of the	Security in control of the control o

-				-	_	
$\dashv$	A 687	B AMPLIFY-CBRT/CONC-NEW	C Amplify-CBRT-Conc-New is a color deepening agent designed to increase the	D  1. Provides maximum color-depth of disperse black & sulphur black.		F Weakly cation
690			depth of primarily polyseter and their blended fabrics, dyed in black, navy blue or dark shades by not treatment of fabrics. Excellent color deepening with Redder Tone effects is observed.	2. Produces astounding JET black shade depth in redder tone. 3. High durability to multiple cycles of washing and dry-cleaning. 4. Free from slip trouble, natl Mark, hand marks, spot problem. 5. Does not affect the fastness properties of dyeing. 7. Handle Neutral, somewhat balloy, non-slippery. 7. Handle Neutral, somewhat balloy, non-slippery. 8. No problems of ending and tailing. 9. Redder tone	resin	
691	688	AMPLIFY-IBR	Amplify-IRR is a color deepening agent designed to increase the depth of primarily polysets and their blended abbrics, day din black, navy blue or dark shades by post treatment of fabric. Excellent color deepening with Redder Tone effects is observed.	1. Provides maximum color-depth of disperse black & sulphur black. 2. Produces astounding IET black shade depth in redder time. 3. High durability to multiple cycles of washing and dry-cleaning. 4. Free from slip rouble, and Mark, and marks, spot problem. 5. Does not affect the fastness properties of dyeing. 6. Very good mechanical / chemical / thermal stability. 7. Handle: Neutral, somewhat builty, non-slippery. 8. No problems of ending and tailing. 9. Redder tone	Special type hybrid acrylic resin	Weakly cation
692	689	AMPLIFY-JWD	Amplify/IWD is a color despening agent with bluish one designed to increase the depth of primarily polyseer and their blended fabrics, dyed in black, navy blue or dark shades by post treatment of fabric.	1. Provides maximum color-depth of disperse black & sulphur black. 2. Produces astounding ET black; in blush shade. 3. Excellent durability stable to multiple washing and dry-cleaning cycles. 4. Free from slip trouble, hand marks, sop problem. 5. Does not affect the fastness properties of dyving. 6. Very good mechanical / chemical / thermal stability. 7. Handie Neutral, somewhat bulky, non-slippery. 8. No occurrence of chalk marks. 9. No problems of ending and tailing.	Special type hybrid acrylic resin	Weakly cationic
693	690	AMPLIFY-JWR/CONC	Amplify JWR-Cone is a solor deepening agent designed to increase the depth of primarily polyester and their Beneded fabrics, styed in black, navy blue or dark shaded by past treatment of fabric. Excellent color deepening with Redder Tone effects is observed.	1. Provides maximum color depth of disperse black & sluphur black. 2. Produces automoting IET black shade eight in a redder tone. 2. High drambility to multiple color developed by cycleaning. 3. High drambility to multiple color developed by cycleaning. 4. Free from slip trouble and Mark and marks, spor problem. 5. Does not affect the fastness properties of devine. 6. Very good mechanical / chemical / thermal stability. 7. Handle Neutral, somewhat bulky, non-slippery. 8. No problems of ending and tailing. 9. Redder tone.	Special type hybrid acrylic resin	Weakly cation
694	691	AMPLIFY-KB/CONC-NEW	Amplify SR: Cons: New is a color deepening agent with blush tone designed to increase the depth of primarily polyester and their blended fabrics, dyed in black, navy blue or dark shades by post treatment of fabric.	1. Provides maximum color-depth of disperse black & sulphur black. 2. Produces astounding ET black; in bluish shade. 3. Excellent durability stable to multiple washing and dry-cleaning cycles. 4. Free from slip rouble, hand marks, sop problem. 5. Does not affect the fastness properties of dyving. 6. Very good mechanical / chemical / thermal stability. 7. Handic Neutral, somewhat bulloy, non-slippery. 8. No occurrence of chalk marks. 9. No problems of ending and tailing.	Special type hybrid acrylic resin	Wealdy cation
695	692	AMPLIFY-KR/CONC-NEW	Amplify-KR-Conc-New is a color deepening agent designed to increase the depth of primarily polyester and their blended fabrics, dyed in black, navy blue or dark shades by sox treatment of fabric. Excellent color deepening with feedder Tone effects is observed.	2. Produces astounding JET black shade depth in redder tone. 3. High durshills to multiple cycles of washing and dry-cleaning. 4. Free from slip trouble, natl Mark, hand marks, spot problem. 5. Does not affect the fatnese properties of dyeing. 6. Very good mechanical / themical / thermal stability. 7. Handler Neutral, somewhat budy, non-alippery. 9. Redder tone. 9. Redder tone. 9. Redder tone.	Special type hybrid acrylic resin	
696	693	AMPLIFY-ONE/Conc-NEW	Amplify-ONE-Conc-New is a color deepening agent with bluish tone designed to increase the depth of primarily polysers and their blended fabrics, dyed in black, navy blue or dark shades by post treatment of fabric.	1. Provides maximum color-depth of disperse black & sulphur black. 2. Produces astounding ET black in blush shade. 3. Excellent durability stable to multiple washing and dry-cleaning cycles. 4. Free from slip trouble, hand marks, sop problem. 5. Does not affect the fastness properties of dyving. 6. Very good mechanical / chemical / thermal stability. 7. Handie Neutral, somewhat bulloy, non-slippery. 8. No occurrence of tablic marks. 9. No problems of ending and talling.	Special type hybrid acrylic resin	Weakly cationic
697	694	AMPLIFY-RD/Conc	Amplify RD-Conc in a color despening agent designed to increase the depth of primarily polyester and their blended fabrics, dyed in black, navy blue or dark should by past treatment of fabric. Excellent color despening with Redder Tone effects is observed.	1. Provides maximum color depth of disperse black & sulphur black. 2. Produces attorniding IET black shade depth in redder no. 3. High drarbility to multiple cycles of washing and dry-cheaning. 4. Free from slip trouble, and Mark, band marks, sport problem. 5. Dees not affect the fastness properties of dyving. 6. Very good mechanical / chemical / thermial of thermal stability. 7. Handle Neutral, somewhat buildy, non-slippery. 8. No problems of ending and tailing. 9. Redder tone.	Special type hybrid acrylic resin	
698	695	AQUAFLEX-TOW	Aquather-TOW is a high solids content AFEO free, formaldehyde free thermoplastic acytic emulsion polymer which exhibits extra ordinary flexibility, good water resistance high pigment loading capabilities	1. It has excellent adhesion to a wide variety of substrates and outstanding ultra-violet light resistance. It is used in formulating laminating adhesives for bonding a wide variety of substrates.  2. Due to its soft flexible film with rapid water release, excellent adhesion and good water resistance, it is widely used for pigment printing as well as formulating white ink for knitted fabrics.	Acrylic binder	Anionic
600	696	DENIMAX-GC	Denimas-CE is developed as a product for producing gray cast on denim during hypochhorte bleaching process. The disadvantage of bleaching indiged oyed fabrics with sodium hypochhorte produces a royal blue or prowder blue color on fabric & is not desirable always. To overcome this disadvantage the expensive process used is laccase enzyme. Denimas-GC is the chemical substitute of laccase enzyme.	single step during hypochlorite bleaching produces the desired gray cast on	Blend of inorganic salts	Non-ionic
700	697	DYCAR-LTC	Dycar-LTC is a low oder carrier for dyeing of polyester, polyester blends, cattonic dye able PES and blends	1. Low oder in application. 2. Produces no odor on the fabric, even without high drying temperatures after dyving. 3. Is easy in application and gives stable emulsion over the entire tenerature reame of the dyving process. 4. In the control of the dyving process. 4. In the control of the dyving process. 5. Is also satishle in dyving at temperatures of 120-130°C. 6. Is particularly useful where dyving polyester / wool blends because of low cross-staining on wool with disperse dyes.	Based on aromatic imides	Anionic
701	698	DYEBOND-ECO	Dyebond-ECD is a special high molecular weight cationic compound for improving wet & dry rub fastness for all types of dyed & printed cotton fabrics and its blends. It is suitable for sulphur, reactive, direct & indigo dyed goods	The wet rubbing fastness of cotton, polyester, T/C fabrics etc. can be improved significantly.     No influence to washing, and perspiration fastness, and handle of fabric.     It is extremely effective on indigo dyed denims.     Ecofriendly, oxime free, formaldehyde free, DMF free.	Waterborne polyurethane	Cationic
702	699	DYEBOND-FID	Dyebond-FID improves wer & dry crock resistance on the fabric. It improves with fastness without significantly affecting the dye shade.	I. Improves wet and dy crock resistance on the fabric.     Improves we short steries without significantly affecting the dye shade.     S. Effective over a wide pit range of 2.0 – 1.0.     High asstantivity to celludisc filter.     I. Improves appearance of denim garments to washing.     Assists in yars inserteetinto.     T. Good treated with it keep their original indigo blue even after stone-wash.     B. Contains no formaldehyde.	Polyamide resin	Cationic
703	700	DYEBOND-MAX-NEW	Speband-MAX-NIW is a rub featness improver after treatment agent, highly effective for collubation and spatters flives. It reduces the colour advantage from dyed collubace filters, synthetics and their blends. The featness's to light, weaking and contact of the treated fabrics are not impaired with the shade intensification is manageable.	1. The ver rubbing features can be improved significantly. It is Suitable for 100% cotton, beyon, PTF /cotton themsed, specification of the control of the c	Waterborne polyurethane	Cationic
704	701	DYECOL-SRL	It is an excellent levelling agent for dyeing cellulosic fibre with reactive dyes	Bath conditioner which increases the solubility of the dyes     Continuous application & Discontinuous application     Stexellent leveling & dispersing properties.     Holder LEVELNESS OF YOUR REACTIVE DYEING Stabilise the dyeing process	Modified condensation product based on sulphonic acid salts	Anionic

_				2		-
705	A 702	DYEFIX-CFIW	Dyefhs-CFIW is an excellent chlorine fastness & washing fastness improver to chlorine and wet contact staining. It improves the fastness to chlorinated water of dyeing's and prints with Sulphur, var earchive and direct dyes. It improves the contact water fastness and wash fastness properties of direct and reactive dyeing on cellulosic fibers.	1. Gives excellent chlorine resistance. 2. All round product for reactive and direct dyeing's, excellent improvement of contact water fastness. 3. Gontact fastness of basic, sulphur, vat, direct & reactive dyeing's are distinctly improved & so suitable for polyacrylics, cellulosics & regenerated cellulosic fabrics. 4. It is free from Formaldebyde. 5. None or only minimum influence on shade change and light fastness. 6. No influence on handle and absorbency	Polyetheramine in aqueous solution	
706	703	DYEFIX-F	Dyefix-F is cationic dye fixing agent for direct & reactive dyed cotton fabrics.	1. Improves wer fastness & domestic laundering fastness of the dyeing's with direct & reactive dyes. 2. Has very little or no influence on the original shade of dyeing's. 3. Does not impair the light fastness of the dyeing's. 4. Releases no formaldelyde either on the goods or in the fixation bath.	Poly alkenes amine in aqueous solution	Cationic
707	704	DVEFIX-FRD	is a next generation fixing agent that delivers the strongest possible wet- fastness for all reactive dyes on cotton	Lièves acceptable effects to improvement of not only color fastness to dry unbibling but also color fastness to vert vibribing to which the usual agents have been considered to be difficult to give effects.  2.1 also improve were fastness of cellulosic fabrics.  3. Imparts excellent work fastness to direct & fibrer dyed fabrics to water, perspect more were timing daw-water & blumber and fabrics to water, perspect more were timing daw-water & blumber and fabrics for feer from formaldedyte down for Further the fabrics satisfies international regulations concerning formaldedyte demission  5.1 it is highly resistant to presence of salts such as common salt & Gluuber salt.  6. It is effective at room temperature. For optimum results the dyed fabric should be treated at 40-50°C for 20 mins.	Polydadmac	Cationic
708	705	DYEFIX-NFDF	Dyefix-NFDF is a non-formaldehyde based dye fixing agent for cellulosic fabrics. It improves the wet fastness and wash fastness properties of direct and reactive dyeing on cellulosic fibers. To improve the wet fastness and wash fastness properties of direct and discharge prints with direct and reactive dyestuffs. It also improves fastness to perspiration fastness.	Little change of shade.     Little effect on light fastness.     No significant effect on handle.     Good compatibility with softening and finishing liquors.     Sormaldehyle feee.     Every good resistance to salts causing hardness of water.	Polyquaternary ammonium compound	Cationic
709	706	DYLEV-299	Dyler-29% is a dispersing and levelling agent for disperse dyes. It is an excellent water soluble emulsifich raving rapid returing & solubilizing properties, and possessing good versatility as dispersant for pigments.	It is those resistance to hydrolysis and may be used in a range of acidic and salitaine formulations.  2.1 may be also used to enhance the gelling properties of other surfactants in water-in-oil emilsions.  3.1 deally saited for textile scouring & polymer coating.  4.1 Helps in removing unfliked or loose dyestiffs and does not loose re-deposition of the dyestuffs.  5.1 used as day-leveling agent for fixation of disperses dyes printing on polyweter plantics in high speed continuous dyeing.  6.1 used as an excludent dispersing agent for lime soop in detergent & used as an auxiliary for re-dyeing of uneven disperse dyeing.  7.1 dex of July-2-29 for washing disperse droit printing goods.	Speciality surfactants	Non-ionic
710	707	DYLEV-ACE	Dyler-ACE is a dyeing accelerator for dyeing acrylic fibers at all processing stages.	1. Pronounced increases in the strike rate. 2. Excellent reserving of allacent fibers. 3. Improve liquor stability. 4. Its a dyeing accelerator for dyeing acrylic fibers at all processing stages as well as accelerating dyeing, in blends with celluloist, polyamide and wool, 5. It ensures almost complete reserving of adjacent fibers. 6. It is suitable for echaust and pad-steam application.	Aromaticimides & specialty surfactants	Weakly anionic
711	708	DYLEV-CPE	Dyler-CPE is a levelling, dispersing and migratting agent with diffusion accelerating effect for use in declarating effect for the declaration effect for the declarating effect for the declaration effect for the declaration effect for the declarating effect for the declaration effe	1. Good levelling and migration properties. 2. Marked diffusion-accelerating effect. 3. Ner yand dispring properties. 4. Build-up on tone. 4. Build-up on tone. 6. Build-up on tone. 7. Suttable for levelling faulty dyeing an circulating liquor machines. 7. Suttable for levelling faulty dyeing a. 7. Suttable for levelling faulty dyeing a finity. 8. Promotes more uniform exhaustion of dye combinations, thus creating ideal conditions for level dyeing.	Carboxylic and phosphoric acid esters of aromatic compounds	Anionic
712	709	DYLEV-CL	Dylev-CL is an auxiliary to improve the stability, leveling of reactive & direct dye solutions when dyeing cellulosic fibers.	I. Improves the stability of reactive & direct dyes in solution when dyeing cellulosis and PES/CEL blends call more stabilities and thus levelness.     3. Dissolves and disperses impurities in the fiber.     4. Stable to substances causing hard water.     5. Low-Goaming	Aqueous preparation of aryl sulphonic acid & amino carboxylic acid.	Anionic
713	710	DYLEV-DA-DLP	Dyler-DA-DLP is a levelling and dispersing agent for dyeing polyester fibers with disperse dyestuffs by the HT process.	1. Fluore-cent whitening of polyester fibers with disperse FWAs by the HT process. 2. Dyenig the polyester component of polyester / cellulosic blends by the HT process. 3. Pronounced dispersing properties. 4. Very good levelling effect. 5. Prevents filtration of dyestuffs. 6. Dees not increase the ADX content of waste water. 7. Readily soluble in water. 8. Pumpable.	Aryl-polyglycol ether derivative	Anionic
	711	DYLEY-DFL	Dyler-DF. Is a levelling, dispersing and migrating agent with diffusion accelerating effect for use in dyeing polyester with disperse dyes under HT conditions. Dyeing polyester diffuse and microllhess are dispersed and polyester /celiulose blends at all stages of processing.	1. Good levelling and migration properties. 2. Marked diffusion-calcerlating effect. 3. Very good dispersing properties. 4. Buildi-up on tool. 5. Permits: Beside-up on the Sunday of t	Carboxylic and phosphoric acid esters of aromatic compounds	Anionic
715	712	DYLEV-FI-M	Dylev-FI-M is a versatile dispersing, levelling and emulsifying agent. It keeps the insoluble dye particles in the dispersion and prevents re-deposition on the substitute. Thus it is useful in the dyeing of disperse dyes, acted dyes, act dyes, chrome dyes and naphthol dyeing. It also helps in smooth running of the pad bath hence preventing roller build up.	1. It's a Multipurpose hence Used as levelling, dispersing, emulsifying agent hence less inventory.  2. It's versatile, bence suitable for cotton, Polyester, wool silk and nylon.  3. It gives good dispersing / emulsifying action hence can prevent silicones spots in finishing of longer batched under adverse conditions.	Alkyl alcohol ethoxylate	Non-ionic
716	713	DYLEV-LAPS/CONC	Dyler-LAR-Come is a dispersing and levelling agent for disperse dyes. It is an excellent water soluble emulsifier having rapid wetting so-subhizing properties, and possessing good versatility as dispersant for pigments.	It is those resistance to hydrolysis and may be used in a range of acidic and silatine formulations.  2. Helps in removing unfixed or loose dyestrulfs and does not loose re-deposition of the dyestrulfs.  3. Is used as dye-leveling agent for fixation of disperses dyes printing on polyster falloris in high speed continuous dyeing.  4. Is used as an excellent dispersing agent for lime soap in detergent & used as an auxiliary for re-dying of uneven disperse dyeing.  5. Use of Dylev-LAFS-Conc for washing dispersed color printed goods.	Polyoxyethylene ether ester	Non-ionic
717	714	DYLEV-LDG	Dyler-LDG is a low-foaming levelling agent and dyeing accelerator with strong diffusion-promoting properties for HT-polyester dyeing's.	1. Support uniform coler build san High migration properties. 2. Preor of phylatic acid ener. 3. Preor of APEO or APEO derivatives. 4. Selfermulsfyling when pouring into water. 5. Low-foaming, also in HT-range. 6. Sutable for ever poor tilguor ratios. 7. Excellent reveling effects. Suitable for leveling faulty dyeing's. 8. Suitable for ever and HT-dyeing's, also on beam dyeing machines. Stable to acids, alkalis and electrolytes in common application	Based on aromatic carboxylic acid compound & ethoxylates	Non-ionic
718	715	DYLEV-MBL	Dyler-MEII. sa economical levelling, dispersing and migrating agent with diffusion accelerating effect for use in dyeing polyester with disperse dyes under HT conditions. Dyeing polyester fifther and microline and microline and microline and polyester fifther and microline and polyester for a second polyester for a seco	Libocaleut migration property to the dyes used and therefore eliminates uneven dyeing. The required in cising the temperature is reduced.  2. In dyeing texturized polyester that & woven fabric its shows an outstanding owering property to eliminate havre effect on the light fastness nor does it adversely affect the subsequent treatment.  4. Very good dispersing properties.  5. Improves dispersion shability of the dyes in the bath, prevents fast the subsequent treatment of the dyes in the bath, prevents.  6. Permits level dyeing's under critical dyeing conditions.  7. Improves in-cart eleveless in dyeing on cricialiting liquor machines.  8. Suitable for levelling faulty dyeing's.	Special Anionic surface active agent	Anionic

+	A 716	DYLEV-PEC B	C Duley-PEC is a levelling dispersing and migrating agent with diffusion	D  1. Excellent migration property to the dyes used and therefore eliminates	E Carboxylic and phosphoric	F Anionic
	/10	DILEV-PEC	Dylev-PEC is a levelling, dispersing and migrating agent with diffusion accelerating effect for use in	uneven dyeing. Time required in raising the temperature is reduced.	acid esters of aromatic	Anionic
			dyeing polyester with disperse dyes under HT conditions. Dyeing polyester fibres and microfibers	<ol><li>In dyeing texturized polyester knit &amp; woven fabric it shows an outstanding covering property to eliminate barre' effect.</li></ol>	compounds	
			and polyester/cellulose blends at all stages of processing.	3. It does not produce any adverse effect on the light fastness nor does it		
				adversely affect the subsequent treatment.  4. Very good dispersing properties.		
				<ol><li>Improves dispersion stability of the dyes in the bath, prevents agglomeration.</li></ol>		
				<ol><li>Permits level dyeing's under critical dyeing conditions.</li></ol>		
				Improves in-out levelness in dyeing on circulating liquor machines.     Suitable for levelling faulty dyeing's.		
19						
	717	DYLEV-VL	Dylev-VL is a versatile levelling agent for direct/reactive and vat colors. It is a highly effective levelling agent with retarding properties for use when Leuco	Is an effective levelling and retarding agent when dyeing with vat dyes.     Promotes level dyeing and penetration of direct dyes on cellulosic	Fatty alcohol condensate	Non-ionic
			dyeing with vat dyes and in the clearing of disperse dyes.	materials.  3. It is useful assistant for partial stripping of vat dyeing's down to a light		
				ground also.		
				<ol> <li>Gives an excellent, but none permanent, antistatic effect on synthetic fibers and piece goods especially on carpets.</li> </ol>		
				5. Acts as an anti-precipitant where anionic and cationic dyes are present in		
				the same dye bath (e.g. for wool acrylic, differential dyeing nylon etc.).  6. Finds use as a dispersing levelling agent when dyeing with acid dyes on		
				wool and wool-nylon blends.		
720						
	718	DYRETARD-ANI-NEW	Dyretard-ANI-New is a retarding & leveling agent for the dyeing of	1.Suitable for all types of cationic dyestuffs.	Quaternary ammonium	Cationic
			polyacrylonitrile fibers with cationic dyestuffs & cationic dyeable polyester fabric	<ol><li>High leveling power of cationic dyestuffs for polyacrylonitrile fibers &amp; cationic dyeable polyester fabric</li></ol>	compound	
				3. Improves the migration of the basic dyestuffs.		
				Intensified dye take up only after reaching the dyeing temperature.		
21	719	DYRETARD-PAN/CONC	Dyretard-PAN/Conc is a retarding & leveling agent for the dyeing of	High leveling power of cationic dyestuffs.	Quaternary ammonium	Cationic
		· ·	polyacrylonitrile fibers with cationic dyestuffs	2. Improves the migration of the basic dyestuffs.	compound	
,,,				Intensified dye take up only after reaching the dyeing temperature.		
22	720	DYTEC-AO	Dytec-AO is an auxiliary to improve the stability, leveling of reactive & direct	Improves the stability of reactive & direct dyes in solution when dyeing	Aqueous preparation of	Anionic
J	-		dye solutions when dyeing cellulosic fibers.	Cellulosic and PES/CEL blends 2. Improves dye diffusion and thus levelness.	aryl sulphonic acid & amino carboxylic acid	
				3. Dissolves and disperses impurities in the fiber.	Car DOAYHC BCRI	
1				Stable to substances causing hard water.     Low-foaming.		
23	721	DYTEC-AO/Conc	Dutes AO Consis on qualitary to invest the schiller of control		Aquaque pror	Antonic
- [	/21	DI IEC-NO/CONC	Dytec-AO-Conc is an auxiliary to improve the stability of reactive dye solutions when dyeing cellulosic fibers	<ol> <li>Improves the stability of reactive dyes in solution when dyeing cellulosic and PES/CEL blends.</li> </ol>	Aqueous preparation of aryl sulphonic acid & amino	Anionic
- [				Improves dye diffusion and thus levelness.     Dissolves and disperses impurities in the fiber.	carboxylic acid	
.,				Dissolves and disperses impurities in the liber.     Stable to substances causing hard water. Low-foaming.		
24	722	DYTEC-AO-PDR	Dytec-AO-PDR is an auxiliary to improve the stability, leveling of reactive &	In Improves the stability of reactive & direct dyes in solution when dyeing	Aryl sulphonic acid &	Anionic
			direct dye solutions when dyeing cellulosic fibers.	cellulosic and PES/CEL blends 2. Improves dye diffusion and thus levelness	amino carboxylic acid.	
- [				3. Dissolves and disperses impurities in the fiber		
25				4. Stable to substances causing hard water. Low-foaming		
	723	DYTEC-AO-SPL	Dytec-AO-SPL is an auxiliary to improve the stability, leveling of reactive & direct dye solutions when dyeing cellulosic fibers	<ol> <li>Improves the stability of reactive &amp; direct dyes in solution when dyeing cellulosic and PES/CEL blends</li> </ol>	Aqueous preparation of aryl sulphonic acid & amino	Anionic
			unect dye solutions when dyeing centionic libers	2. Improves dye diffusion and thus levelness	carboxylic acid.	
				Dissolves and disperses impurities in the fiber     Stable to substances causing hard water. Low-foaming		
26	724	DYTEC-CP	Dytec-CP improves the stability of reactive dye solutions when dyeing cellulosic		Alkyl aryl sulphonate	Anionic
	724	DI IEC-CF	fibers.	cellulosic and PES/CEL blends.	aqueous preparation.	Amonic
				Improves dye diffusion and thus levelness.     Dissolves and disperses impurities in the fiber.		
				<ol> <li>Stable against high salt-concentration &amp; against water-hardness.</li> </ol>		
				5.It is low-foaming.		
727	725	DYTEC-DAN	Dytec-DAN is a high performance, non-staining dispersing agent for the	Does not stain polyester and ensures optimum brightness and color clarity	Sodium poly[(naphthalene	Anionic
			producing level dye shades on polyester with disperse dyes in high temperature exhaust dyeing systems. It possesses in-built dispersing action on polyester	even in pale shades and with fluorescent optical whiteners.  2. Maintains its high dispersing efficiency throughout heating and cooling	formaldehyde)sulfonate]	
			oligomer to eliminate problems of lower rub-fastness in package dyeing and	cycle and so prevents dyestuff agglomeration and surface re-deposition		
			simultaneously clears oligomer residues in the machine.	which if often encountered in heavy shades.  3. It has excellent in-built dispersing action on polyester oligomer and can be		
				used as an efficient cleaning agent for oligomer deposits that may have accumulated in the dyeing equipment		
				4. Maintains a stable dispersion in the presence of high electrolyte		
				concentration and is therefore suitable for use in one-bath dyeing processes for polyester cellulosic and polyester wool blends. Is low foaming and highly		
				effective even at low concentration levels in the dyebath.		
20	726	DYTEC-DAN-30-M	Dytec-DAN-30-M is a high performance, non-staining dispersing agent for the	Does not stain polyester and ensures optimum brightness and color clarity	Sodium poly[(naphthalene	Anionic
ı			producing level dye shades on polyester with disperse dyes in high temperature exhaust dyeing systems. It possesses in-built dispersing action on polyester	even in pale shades and with fluorescent optical whiteners.  2. Maintains its high dispersing efficiency throughout heating and cooling	formaldehyde)sulfonate]	
-			oligomer to eliminate problems of lower rub-fastness in package dyeing and	cycle and so prevents dyestuff agglomeration and surface re-deposition		
			simultaneously clears oligomer residues in the machine.	which if often encountered in heavy shades.  3. It has excellent in-built dispersing action on polyester oligomer and can be		
				used as an efficient cleaning agent for oligomer deposits that may have		
J				accumulated in the dyeing equipment 4. Maintains a stable dispersion in the presence of high electrolyte		
				concentration and is therefore suitable for use in one-bath dyeing processes for polyester cellulosic and polyester wool blends. Is low foaming and highly		
				effective even at low concentration levels in the dyebath.		
29	727	DYTEC-DF	Dytec-DF is an acid buffer and dispersant for dyeing of polyester and	Maintains a constant pH during the dyeing process.	Based on phosphate free	Anionic
			polyester/cellulosic blends.	It often replaces the dispersant.     It has sequestering action on heavy metals.	organic compounds	
				4. Does not foam.		
					I .	I
				It is easy to handle in the liquid commercial form.     It is phosphate free		
730	728	DYTEC-ED	Detec-FD is an alkali-liherating auxiliase for fixing reacting drug on callulating	6. It is phosphate free	Based on sodium	Anionic
30	728	DYTEC-FD	Dytec-FD is an alkali-liberating auxiliary for fixing reactive dyes on cellulosic fibers	It is used as an acid binding reagent in the textile industry to improve the absorption of disperse dyes on cellulosic and polyester fibers	Based on sodium trichloroacetate	Anionic
30	728 729	DYTEC-FD DYTEC-LDB	fibers  Dytec-LDB is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Dytec-LDB is	6. It is phosphate free  It is used as an acid binding reagent in the textile industry to improve the absorption of disperse dyes on cellulosis and polyester fibers  1. Good buffer capacity: Robust dyeing system "Right First Time" hence cost savings.		Anionic Anionic
30			fibers  Dytec-LDB is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Dytec-LDB is recommended for pH sensitive dyes and also recommended for dyeing of	6. It is phosphate free  It is used as an acid binding reagent in the textile industry to improve the absorption of dispense dyes on reliabols and polyester fibers  1. Good buffer engosity: Robust sydney system "Right First Time" hence cost savings.  2. No problems with correct pH measurement: No pH change through	trichloroacetate	
30			fibers  Dytec-LDB is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Dytec-LDB is	6. It is biosphate free  It is used as an acid binding reagent in the textile industry to improve the abinoption of dispurse dyes on cellulosic and polyester fibers.  1. Good buffer capacity; blobust dyeing system "Right First Time" hence cost sortes.  Some with covered pil measurement: No pil change through electrolytes and added substance to the dyebath.  3. No impact on fastness: Compatible with all auxiliaries and UV absorbers.	trichloroacetate	
30			fibers  Dytec-LDB is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Dytec-LDB is recommended for pH sensitive dyes and also recommended for dyeing of	6. It is bnosphate free  It is used as an acid binding reagent in the textile industry to improve the absorption of disperse oves on cellulosic and polyester fibers  1. Good buffer capacity: Robust dyveing system "Right First Time" hence cost savings.  2. No problems with correct pH measurement: No pH change through electrolytes and added substance to the dy-ebath.  3. No impact on fastness: Compatible with all auxiliaries and UV absorbers.  4. No extra addition of addr required to duglust the pHE say and safe handling.	trichloroacetate	
30			fibers  Dytec-LDB is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machines. Dytec-LDB is recommended for pH sensitive dyes and also recommended for dyeing of	6. It is biosphate free  It is used as an acid binding reagent in the textile industry to improve the abinoption of dispurse dyes on cellulosic and polyester fibers.  1. Good buffer capacity; blobust dyeing system "Right First Time" hence cost sortes.  Some with covered pil measurement: No pil change through electrolytes and added substance to the dyebath.  3. No impact on fastness: Compatible with all auxiliaries and UV absorbers.	trichloroacetate	
31 31 32	729	DYTEC-LDB	filters  Dyrec-LDB is used in dyeing of polyester filters with dyes at all storages of processing in HT processes on Jets and circulating liquor machine. Dyrec-LDB is recommended for prisensitive dyes and also recommended for dyeing of polyester blends.	6. It is broophate free  It is used as an acid binding reagent in the textile industry to improve the abnoration of dispuses done on colluboic and polyveider filter.  Listed Suffer capacity: Robust dyeing system "Right First Time" hence cost to be considered to the construction of the construction of the construction. The construction of the co	trichloroacetate Organic acid and salts	
730			fibers  Dytec-LDB is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machine. Dytec-LDB is recommended for pH sensitive dyes and also recommended for dyeing of polyester blends.  Dytec-LR-D is an auxiliary to improve the stability, leveling of reactive & direct	6. It is broophate free  It is used as an acid binding reagent in the textile industry to improve the absorption of dispense dyes on cellulosic and polyester fibers  1. Good buffer capacity: Robust dyeing system "Right First Time" hence cost savings.  2. No problems with correct pH measurement: No pH change through electrolytes and added substance to the dyebath.  3. No impact on fastness: Compatible with all auxiliaries and UV absorbers.  4. No exert as addition of acid required to adjust the pH Easy and safe handling.  5. Non-foaming Suitable for jets.  1. Improves the stability of reactive & direct dyes in solution when dyeing	trichloroacetate Organic acid and salts  Aqueous preparation of	
31.	729	DYTEC-LDB	filters  Dyrec-LDB is used in dyeing of polyester filters with dyes at all storages of processing in HT processes on Jets and circulating liquor machine. Dyrec-LDB is recommended for prisensitive dyes and also recommended for dyeing of polyester blends.	6. It is bloophate free  It is used as an acid binding reagent in the textile industry to improve the absorption of dispense dyes on cellulosic and polyester fibers  1. Good buffer capacity: Robust dyeing system "Right First Time" hence cost savings.  2. No problems with correct pH measurement: No pH change through electrolytes and added substance to the dyebath.  3. No impact on fastness: Compatible with all auxiliaries and UV absorbers.  4. No exert as addition of acid required to adjust the pH Easy and safe handling.  5. Non-foaming Suitable for jets.  1. Improves the stability of reactive & direct dyes in solution when dyeing cellulosic and PES/CEL blends  1. Lamprove dyed diffusion and thus levelness.	trichloroacetate Organic acid and salts	Anionic
31 32	729	DYTEC-LDB	fibers  Dytec-LDB is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machine. Dytec-LDB is recommended for pH sensitive dyes and also recommended for dyeing of polyester blends.  Dytec-LR-D is an auxiliary to improve the stability, leveling of reactive & direct	6. It is biosphate free  It is used as an acid binding reagent in the textile industry to improve the absorption of dispurse dyes on cellulosic and polyester fibers.  1. Good buffer capacity; blobust dyeing system "Right First Time" hence cost sorting.  1. Good buffer capacity; blobust dyeing system "Right First Time" hence cost sorting.  1. So the state of the cover of pit measurement: No pit change through electrolytes and added substance to the dyebath.  2. No impact on fastness: Compatible with all auxiliaries and UV absorbers.  4. No extra addition of acid required to adjust the pit Easy and safe handling.  5. Non-foaming: Suitable for jets.  1. Improves the stability of reactive & direct dyes in solution when dyeing collustor and PSS/CII, blends.  2. Improves dye diffusion and thus levelness.  3. Dissolves and dispreses impurities in the fiber.	trichloroacetate Organic acid and salts  Aqueous preparation of aryl sulphonic acid & amino	Anionic
31	729	DYTEC-LDB	fibers  Dytec-LDB is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machine. Dytec-LDB is recommended for pH sensitive dyes and also recommended for dyeing of polyester blends.  Dytec-LR-D is an auxiliary to improve the stability, leveling of reactive & direct	6. It is bloophate free  It is used as an acid binding reagent in the textile industry to improve the absorption of dispense dyes on cellulosic and polyester fibers  1. Good buffer capacity: Robust dyeing system "Right First Time" hence cost savings.  2. No problems with correct pH measurement: No pH change through electrolytes and added substance to the dyebath.  3. No impact on fastness: Compatible with all auxiliaries and UV absorbers.  4. No exert as addition of acid required to adjust the pH Easy and safe handling.  5. Non-foaming Suitable for jets.  1. Improves the stability of reactive & direct dyes in solution when dyeing cellulosic and PES/CEL blends  1. Lamprove dyed diffusion and thus levelness.	trichloroacetate Organic acid and salts  Aqueous preparation of aryl sulphonic acid & amino	Anionic
31 32	729	DYTEC-LDB	filters  Dytec-LDB is used in dyeing of polyester filters with dyes at all storages of processing in HT processes on lets and circulating liquor machine. Dytec-LDB is recommended for prisms titled by an adal also recommended for dyeing of polyester blends.  Dytec-LR-D is an auxiliary to improve the stability, leveling of reactive & direct dye solutions when dyeing cellulosis filters.	6. It is broophate free  It is used as an acid binding reagent in the textile industry to improve the abinomizino of dispuese done on collulosic and polyected filters.  Limited for a packity. Bobast dyeing system "Right First Time" hence cost saving.  Z. No problems with correct pil measurement: No pif change through electrolytes and added substance to the dyebath.  A No impact on fastness: Compatible with all auxiliaries and UV absorbers.  A No extra addition of acid required to adjust the plit Easy and safe handling.  S. Non-foaming Suitable for jets.  L. Improves the stability of reactive & direct dyes in solution when dyeing cellulosic and PES/CEL blends  2. Improves dye diffusion and thus levelenes.  3. Dissolves and dispresse impurities in the fiber.  4. Stable to substances caussing hard water.  5. Low foaming.	trichloroacetate Organic acid and salts  Aqueous preparation of aryl sulphonic acid & amino carboxylic acid.	Anionic
31 32 33	729	DYTEC-LDB  DYTEC-LR-D	fibers  Dytec-LDB is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on jets and circulating liquor machine. Dytec-LDB is recommended for pH sensitive dyes and also recommended for dyeing of polyester blends.  Dytec-LR-D is an auxiliary to improve the stability, leveling of reactive & direct	6. It is broophate free  It is used as an acid binding reagent in the textile industry to improve the absorption of dispurse division collubratic and polyvater fibers.  1. Good buffer capacity: Robust dyveing system 'Right First Time' hence cost  2. No problems with correct pil measurement: No pif change through electrolytes and added substance to the dyvebath.  3. No impact no fastness: Compatible with all auxiliaries and UV absorbers.  4. No extra addition of acid required to adjust the pH Easy and safe handling.  5. Non-foaming Suitable for jets.  1. Improves the stability of reactive & direct dyes in solution when dyeing cellulosic and PES/CEL blends  2. Improves dye diffusion and thus levelness.  3. Dissolves and dispress impurities in the fiber.  4. Stable to substances causing hard water.  5. Low-foaming.  1. Fluorescent whitening of polyester fibers with disperse FWAs by the HT process.	trichloroacetate Organic acid and salts  Aqueous preparation of aryl sulphonic acid & amino	Anionic
31 32 33	729	DYTEC-LDB  DYTEC-LR-D	filters  Dytec-LDB is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on lets and circulating liquor machine. Dytec-LDB is recommended for pfl sensitive dyes and also recommended for dyeing of polyester blends.  Dytec-LR-D is an auxiliary to improve the stability, leveling of reactive & direct dye solutions when dyeing cellulosis fibers.  Dytec-LR-D is levelling and dispersing agents for dyeing polyester fibers with	6. It is bused as an acid binding reagent in the textile industry to improve the absorption of dispurse dyes on cellulosic and polyveiter fibers.  1. Good buffer capacity: Robust dyeing system 'Right First Time' hence cost  2. No problems with correct pil measurements. No pil change through electrolytes and added substance to the dyebath.  3. No impact no fastness: Compatible with all auxiliaries and UV absorbers.  4. No extra addition of acid required to adjust the pH Easy and safe handling.  5. Non-foraming Suitable for jets.  1. Improves the stability of reactive & direct dyes in solution when dyeing cellulosic and PES/CEL blends  2. Improves dye diffusion and thus levelness.  3. Dissolves and disperses impurities in the fiber.  4. Stable to substances causing hard water.  5. Low-foaming.  1. Fluorescent whitening of polyester fibers with disperse FWAs by the HT process.  2. Dyeing the polyester component of polyester / cellulosic blends by the HT process.	trichloroacetate Organic acid and salts  Aqueous preparation of anyl sulphonic acid & amino carboxylic acid.  Aryl-polyglycol ether	Anionic
31 32 33	729	DYTEC-LDB  DYTEC-LR-D	filters  Dytec-LDB is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on lets and circulating liquor machine. Dytec-LDB is recommended for pfl sensitive dyes and also recommended for dyeing of polyester blends.  Dytec-LR-D is an auxiliary to improve the stability, leveling of reactive & direct dye solutions when dyeing cellulosis fibers.  Dytec-LR-D is levelling and dispersing agents for dyeing polyester fibers with	6. It is broophate free  It is used as an acid binding reagent in the textile industry to improve the absorption of discores done on calculotts and polymers fiber  absorption of discores done on calculotts and polymers fiber  savings.  2. No problems with correct pil measurement is not pit change through electrolytes and added substance to the dyebath.  3. No impact on fastness: Compatible with all auxiliaries and UV absorbers.  4. No extra addition of acid required to adjust the pit Easy and safe handling.  5. Non-foaming Suitable for jets.  1. Improves the stability of reactive & direct dyes in solution when dyeing cellulosis and PES/CEL blends  2. Improves dye diffusion and the levelness.  2. Improves dye diffusion and the levelness.  5. Low-Goaming.  1. Fluorescent whitening of polyester fibers with disperse FWAs by the HT process.  1. Pronounced dispersing properties.	trichloroacetate Organic acid and salts  Aqueous preparation of anyl sulphonic acid & amino carboxylic acid.  Aryl-polyglycol ether	Anionic
31 32 33	729	DYTEC-LDB  DYTEC-LR-D	filters  Dytec-LDB is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on lets and circulating liquor machine. Dytec-LDB is recommended for pfl sensitive dyes and also recommended for dyeing of polyester blends.  Dytec-LR-D is an auxiliary to improve the stability, leveling of reactive & direct dye solutions when dyeing cellulosis fibers.  Dytec-LR-D is levelling and dispersing agents for dyeing polyester fibers with	6. It is broophate free  It is used as an acid binding reagent in the textile industry to improve the atmorphism of dispurses done on collubois and polymeter fibers  and objected from the control of th	trichloroacetate Organic acid and salts  Aqueous preparation of anyl sulphonic acid & amino carboxylic acid.  Aryl-polyglycol ether	Anionic
31 32 33	729	DYTEC-LDB  DYTEC-LR-D	filters  Dytec-LDB is used in dyeing of polyester fibers with dyes at all storages of processing in HT processes on lets and circulating liquor machine. Dytec-LDB is recommended for pfl sensitive dyes and also recommended for dyeing of polyester blends.  Dytec-LR-D is an auxiliary to improve the stability, leveling of reactive & direct dye solutions when dyeing cellulosis fibers.  Dytec-LR-D is an auxiliary to improve the stability, leveling of reactive & direct dye solutions when dyeing cellulosis fibers.  Dytec-PD is levelling and dispersing agents for dyeing polyester fibers with	6. It is biosphate free  It is used as an acid binding reagent in the textile industry to improve the abinoption of dispurse dyes on cellulosic and polyester fibers.  1. Good buffer capacity; Robust dyeing system 'Right First Time' hence cost some control of the control of th	trichloroacetate Organic acid and salts  Aqueous preparation of anyl sulphonic acid & amino carboxylic acid.  Aryl-polyglycol ether	Anionic

Н	A 722	DYTEC-WPA	C Dutes WDA has high chalation proporties the second of th	D 1 Action based on dispersing and calcium for a street	Complexing a + 0	F
	732	DYTEC-WPA	Dytec-WPA has high chelation properties thus preventing deposition of Ca, Mg scales and heavy metal ions on fabric and equipment's. It is an effective dye bath	Action based on dispersing and calcium/magnesium-inactivating properties:	Complexing agent & polymers	Anionic
			conditioner; controls precipitate formation in dye bath due to impurities. It is	- Disperses sparingly soluble calcium and magnesium salts. Inactivates		1
			also suitable for processing of substrates in Re-Cycled water.	calcium and magnesium ions present in hard water and on cotton.  2. Dispersing properties:		ı
				- Disperses the sparingly soluble salts that are formed from calcium and		ı
				magnesium (e.g. calcium carbonate) and precipitated dyes and hardness ions. Improves dyebath stability Promotes the best possible conditions for level		ı
				dyeing's.		ı
				Inactivating properties:     Has a "softening effect" on the dyebath. Prevents stains, markings and		ı
				unlevelness. Increases yield and improves reproducibility of dyeing's		ı
				produced with dyes that are sensitive to calcium and magnesium.  4. Binds heavy metal ions in water:		ı
				- Binding with dyes sensitive to iron and/or copper.		ı
				Improves dye solubility:     Prevents dye agglomeration induced by hard water or salt additions.		ı
				6. Surfactant-free, non-foaming formulation:		ı
				<ul> <li>Has no retarding action and does not impair yield or reproducibility of dyeing's. Suitable for jet and overflow machines.</li> </ul>		ı
				7. No de-metallization of dyes:		ı
				- No shade change or impaired light fastness.		1
						1
735	733	DYTEC-XX	Dytec-XX is an auxiliary to improve the stability, leveling of reactive & direct	In Improves the stability of reactive & direct dyes in solution when dyeing	Aqueous preparation of	Anionic
	733		dye solutions when dyeing cellulosic fibers.	cellulosic and PES/CEL blends	aryl sulphonic acid & amino	1 mone
				Improves dye diffusion and thus levelness.     Dissolves and disperses impurities in the fiber.	carboxylic acid	ı
				4. Stable to substances causing hard water.		ı
736				5. Low-foaming.		ı
	734	AQUASIL-4081	Aquasil-4081 is a durable concentrated hydrophilic silicone softener designed	Imparts natural softening without hampering the hydrophilicity of the	Modified amino siloxane	Weakly cationic / non-ionic
			to exhibit natural soft & flexible hand feel to all types of cellulosic, regenerated	fabric. Softener to be used along with moisture management system.		1
			cellulosic & cellulosic blends of fabrics irrespective of composition & structure.  Treated fabrics exhibits excellent water retention properties. Excellent	Imparts durable, wash resistant softness to fabrics.     Non-yellowing & shear stable.		ı
			maintenance of the absorptive properties of hydrophilic textiles.	4. Towels appear bulked.		ı
				<ol><li>Stable over wider range of temperature. Improved soft, smooth hand and soil release properties.</li></ol>		ı
				6. Low viscosity & pumpable.		1
				Suitable for auto-dispensing systems.     Excellent hydrophilic character & can be used along with moisture		ı
				management product.		ı
						ı
737					N. 10 1	
	735	DERMASIL-SFC	Dermasil-SFC iis fluoro carbon compatible silicone.	Does not interfere with soil release properties of fabrics treated with fluorocarbon soil release agents.	Modified polysiloxane & specialty surfactants	Non-ionic
				2. Non-yellowing.	-p-comity suinditialits	ı
				Shear stable.      High level of softness suitable for all type of fabrics.		ı
				High level of softness suitable for all type of fabrics.     By pad, exhaust application. Provides re-wetting properties to fabrics.		ı
						ı
738			1			
	736	DERMASIL-SRS-NEW	Dermasil-SRS-New is a novel textile softener of linear polydimethylsiloxane amino polyalkyleneoxide copolymer. It is designed to provide soft, silk hand to	Provides a high level of softness for all types of synthetic fabric especially polyester & their blends.	Amino polyalkyleneoxide copolymer	Non-ionic
			fabrics. The softness provided by Dermasil-SRS-New is durable for numerous	2. Does not cause fabric yellowing.	coponymics	1
			detergent washes.	3. Suitable for all normal application methods, such as pad bath, exhaustion		1
				and spray.  4. Dilutions are extremely shear stable. Easily diluted with water or alcohol.		1
				5. Water dilutions have excellent compatibility with finishing baths.		1
				It imparts superior softness and very low yellowing compared to conventional amino silicones when applied to a wide variety of fabrics of		ı
				polyester fabric & their blends.		1
				7. In addition, fabrics treated with Dermasil-SRS-New are not hydrophobic. It		1
				imparts a slow wetting durable hydrophilic character to fabrics.		ı
						ı
739						
	737	POWERSIL-RS-30	Powersil-RS-30 is a novel textile softener of linear polydimethylsiloxane amino polyalkyleneoxide copolymer. It is designed to provide soft, silky, hand to	Provides a high level of softness & surface smoothness for all types of synthetic fabric especially polyester & their blends like PV & PC.	Block silicone	Non-ionic
			polyankyleneoxide copolymer. It is designed to provide soft, sinky, hand to fabrics.	2. Does not cause fabric yellowing.		ı
				Suitable for all normal application methods, such as pad bath, exhaustion and spray.		ı
				and spray.  4. Dilutions are extremely shear stable. Easily diluted with water or alcohol.		1
				5. Water dilutions have excellent compatibility with finishing baths		ı
740						1
	738	Prolube-OFX	Prolube OFX is a Silanol-terminated polydimethylsiloxane fluid for variety of	Widely used for a variety of material such as plastic and rubber mold release,		Nonionic
			use. Emulsion are used in rubber & plastic industries	building caulking, insulation of electronic components, shockproof, moisture- proof, anti-corrosion, rubber and plastic products molding, ejection and as	polydimethylsiloxane	ı
741				leather slip agent, lubricating agent,		ı
	739	SYLAST-267	Sylast-267 is a ready to use fully formulated polysiloxane based product	1. Excellent sewability.		Non-ionic
			designed for application as sewing thread lubricant by P.A. Winding or Godet method.	Reduces coefficient of friction.     Efficient for high speed sewing line.	waxes	1
			inclind.	4. Improved production efficiency.		1
				5. Improved luster. 6. No corrosion of machineries		ı
742						
	740	SYLAST-DSWS-70	Sylast-DSWS-70 is a ready to use fully formulated polysiloxane based product designed for application as sewing thread lubricant by P.A. Winding or Godet	Excellent sewability.     Reduces coefficient of friction.		Non-ionic
			method.	3. Efficient for high speed sewing line.	waxes	ı
				Improved production efficiency.     Improved luster.		ı
743					N 16::	luc 11
	741	SYLAST-DSWS-C	Sylast-DSWS-C is a ready to use fully formulated polysiloxane based product designed for application as sewing thread lubricant by P.A. Winding or Godet	Excellent sewability.     Reduces coefficient of friction.	Blend of polysiloxane and waxes	weakly cationic
			method.	3. Efficient for high speed sewing line.	" "	ı
				4.Improved production efficiency. 5. Improved luster		ı
744						
	742	SYLAST-GV-60	Sylast-GV-60 is a non-ionic oil-in-water-emulsion of a medium viscosity polydimethylsiloxane dispersed in water, recommended for use in various	It has Good water-repellent properties and good lubricating power.     It creates a thin, shiny film which brightens the colors.	Functional polysiloxane	Non-ionic
			industries and especially for the heat-set	3. Perfect resistance against heat: no thermal degradation leaving		ı
			rotation presses in the printing industry.	carbonaceous residues.		ı
						1
745	743	SYLAST-HML	Sylast-HML is a water free hot melt lubricant for application by lick roller or	Gives very good smoothing properties with low level of tension peaks over	Non-aqueous formulation	Ninionic
	743		dosing pumps at a final winder. The lubricant is suitable for all types of sewing	thread guides & tensioning devices.	of silicone, waxes &	
			threads, particularly for Polyester. It is also used for PES-CO & CO and embroidery yarns made from cotton, viscose, rayon & polyester	Provides protection against heat & very good sewability.     Prevents static charge.	additives	ı
				<ol> <li>Shows non-yellowing when exposed to nitrogen oxides during storage.</li> </ol>		ı
				5. Does not contaminate waste water when correctly used.		ı
_						1
746	744	AQUASIL-6138	Aquasil-6138 is a durable non-yellowing hydrophilic silicone softener designed	Imparts excellent softening without hampering the hydrophilicity of the	Emulsion of modified	Weakly Cationic
			Aduasii-6136 is a durante non-yenowing nydropnine sincone somener designed to exhibit excellent soft, greasy & bulky hand while retaining the fabrics original water absorbency & pile. Treated fabrics exhibits excellent water retention	fabric.	amino siloxane	y carroint
			water absorbency & pile. Treated fabrics exhibits excellent water retention properties suitable for Terry, Cotton knits and its blends.	Imparts durable, wash resistant softness to fabrics.     Non-yellowing & shear stable hence suitable in application in high		ı
			properties suitable for Terry, Cotton Knits and its blends.	turbulence equipment's like JET, Soft flow machine etc.		ı
				4. Imparts good moisture management finish & hence suitable for PE & PE		ı
				rich blended fabrics.  5. Stable over wider range of temperature. Improved soft, smooth hand and		ı
7,7				soil release properties		ı
/47	745	AQUASIL-6746	Aquasil-6746 is a durable non-yellowing hydrophilic silicone softener designed	Imparts excellent softening without hampering the hydrophilicity of the	Emulsion of modified	Weakly Cationic
			to exhibit excellent soft, greasy & bulky hand while retaining the fabrics original	fabric.	amino siloxane	. ,
			water absorbency & pile. Treated fabrics exhibits excellent water retention properties.	Imparts durable, wash resistant softness to fabrics.     Non-yellowing & shear stable hence suitable in application in high		ı
			In observed	turbulence equipment's like JET, Soft flow machine etc.		ı
				4. Imparts good moisture management finish & hence suitable for PE & PE		ı
				rich blended fabrics.  5. Stable over wider range of temperature. Improved soft, smooth hand and		ı
	1			soil release properties		ı
748	746	AQUASIL-DSQ/Powersil DSQ	Aquasil-DSQ is a durable hydrophilic, non-yellowing silicone softener designed	1. Imparts excellent softening without hampering the hydrophilicity of the	Emulsion of modified	Weakly cationic
748	746	AQUASIL-DSQ/Powersil DSQ	to exhibit natural soft voluminous hand on all type of fabric substrates. It	fabric.	Emulsion of modified amino siloxane	Weakly cationic
748	746	AQUASIL-DSQ/Powersil DSQ	to exhibit natural soft voluminous hand on all type of fabric substrates. It exhibits outstanding shear stability & and non-yellowing properties. It is shear	fabric. 2. Imparts durable, wash resistant softness to fabrics.		Weakly cationic
748	746	AQUASIL-DSQ/Powersil DSQ	to exhibit natural soft voluminous hand on all type of fabric substrates. It	fabric.  2. Imparts durable, wash resistant softness to fabrics.  3. Non-yellowing & shear stable.  4. Towels appear bulked and extremely soft.		Weakly cationic
748	746	AQUASIL-DSQ/Powersil DSQ	to exhibit natural soft voluminous hand on all type of fabric substrates. It exhibits outstanding shear stability & and non-yellowing properties. It is shear stable & hence suitable in high turbulence equipment's like JET, Soft flow	fabric.  2. Imparts durable, wash resistant softness to fabrics.  3. Non-yellowing & shear stable.  4. Towels appear bulked and extremely soft.  5. Stable over wider range of temperature. Improved soft, smooth hand and		Weakly cationic
748 749	746	AQUASIL-DSQ/Powersil DSQ	to exhibit natural soft voluminous hand on all type of fabric substrates. It exhibits outstanding shear stability & and non-yellowing properties. It is shear stable & hence suitable in high turbulence equipment's like JET, Soft flow	fabric.  2. Imparts durable, wash resistant softness to fabrics.  3. Non-yellowing & shear stable.  4. Towels appear bulked and extremely soft.		Weakly cationic

4	A 747	AOUASIL-MHF	Acrossil MUE to a durable non-valleuting budget by the state of the st	1 Imports overlant coffeeing without how who who had been been	E Emulsion of modified	Wooldy Cationi-
750	747	AQUASIL-MHF  AQUASIL-FAW	Aquasal-HAWI is a durable non-yellowing hydrophilic silicone softener designed to exhibit excellents of, gressy & builg hand while retaining the fabrics original water absorbency & pile. Treated fabrics exhibits excellent water retention properties suitable for Terry, Cotton knits and its blends.  Aquasal-HAWI is a durable hydrophilic silicone softener designed to exhibit	1. Imparts excellent softening without hampering the hydrophilicity of the fabric. 2. Imparts durable, wash resistant softness to fabrics. 3. Non-yellowing & shear stable hence suitable in application in high turbulence equipment's like JPT, Soft flow machine etc. 4. Imparts good moisture management flish & hence suitable for PE & PE rich blended fabrics. 5. Sales properties. 5. Sales properties. 6. Like JPT of the properties of the properties of the properties of the properties of the properties. 6. Like JPT of the properties o	Emulsion of modified amino siloxane	Weakly Cationic  Weakly cationic / non-ionic
751	748	AQUASIL-RAW	Aquasia-HAW is a durable hypropinic silicone softener designed to exhibit lucuriously so fit & Rechieb hand feels to all types of cellulosis, regenerated cellulosis & cellulosis blends of fabrics irrespective of composition & structure.	In imparts exceient softening without nampering the hydrophilacity of the fabric.     Towels appear bulked and extremely soft.     It coulders a very soft, voluminous handle with good surface smoothness. Excellent maintenance of the absorptive properties of hydrophilic textiles     7. Suitable for auto-dispensing systems.	Emulsion of modified amino siloxane	Weakiy cationic / non-ionic
752	749	AQUASIL-SHF	Aquasil-SHF is a hydrophilic silicone softener designed to exhibit luxuriously soft & voluminous handle to regenerated cellulosic & cellulosic blends of fabrics irrespective of composition & structure.	Imparts excellent softening without hampering the hydrophilicity of the fabric.     Imparts durable, wash resistant softness to fabrics.     Non-yellowing & shear stable.	Emulsion of modified amino siloxane	Weakly cationic / non-ionic
753	750	AQUASIL-SI	Aquasil-SI is a economical hydrophilic silicone softener designed to exhibit luxuriously soft & flexible hand feels to all types of fabrics	I. Imparts excellent softening without hampering the hydrophilicity of the fabric.     Imparts durable, wash resistant softness to fabrics.     Non-yellowing & shear stable.	Emulsion of modified amino siloxane	Weakly cationic / non-ionic
754	751	AQUASIL-SMM	Aquasil-SMM is a durable hydrophilic silicone softener designed to exhibit natural soft & flexible hand feel to all types of fabrics irrespective of composition & structure.	Low viscosity & pumpable.     Excellent hydrophilic character & can be used along with moisture management product.     In polester fabric when used along with moisture management, it does no leave water mark.	Modified amino siloxane	Weakly cationic / non-ionic
755	752	AQUASIL-TSH	leave water mark     leave water mark		Emulsion of modified amino siloxane	Weakly cationic / non-ionic
756	753	AQUASIL-TSP	Softener and smoothing agent for woven and knitted fabrics composed of cellulosic fibres, wool and synthetic fibres and their blends.	1. Improves the tear strength, abrasion resistance and sevability. Gives a very smooth, soft handle. Very good wosh resistance. 2. It exhibits very soft smooth greasy handle on kuits. 3. Greater stability to shearing forces & hence suitable in application in high turbulence equipment's like JET, Soft flow machine etc. 5. Sable over wider range of temperature. 6. In creases the resilience of wovens and improves the elastic recovery of lantreaods.	Emulsion of modified aminosiloxane	Non-ionic
757	754	AQUASIL-WRT	Aquasil-WRT is a durable concentrated bydrophilic silicone softener designed to 1. Imparts excellent softening without hampering the hydrophilicty of the darking of the da		Emulsion of modified amino siloxane	Weakly cationic / non-ionic
758	755 756	DERMASIL-DIQ	Dermasil-DIQ is a amido softener designed to exhibit luxuriously soft & flexible hand feels to all types of cellulosic, regenerated cellulosic & cellulosic blended	igned to exhibit luxuriously soft & flexible 1. I Imparts durable, wash resistant softness to fabrics.  3. Non-yellowing & shear stable hence suitable in application in high		Weakly cationic / Non-ionic
759	757	FLEXSIL-621	fabrics & garments, irrespective of composition & structure  Flexast-62 is a premium hydrophilic silicone fluid imparting a very soft silly handle while virtually maintaining the original substrate whiteness & hydrophilicity.  It maintains natural absorbency of cellulosic substrates & their blends with synthetics. The hydrophilic properties imparted show practically no change with ageing or extreme drying conditions.  5. Causes virtually no yellowing of white or light shade goods.		Linear polyquaternary- polysiloxane polyalkyl alkyleneoxide copolymer	
760	758	FLEXSIL-HFT	Flexall-HFT is a premium hydrophilic softener imparting very soft silky handle while virtually maintaining the original substrate whiteness & hydrophilicity. It maintains natural absorbency of cellulosic substrates & their blends with synthetics. The hydrophilic properties imparted show practically no change with ageing or extreme drying conditions.	L Very soft, smooth handle, outstanding hydrophilicity. 2. Excellent plf stability. 3. Very low yellowing. 4. Improves sewing properties. 5. Good antistatic properties. 6. High exhaustion. 7. High degree of whiteness. 8. Distinct, core softness, particularly on terry cloth materials or functional sport wear. 9. Extremely stable to shearing, can be applied on jet dyeing machines. 10. Very good re-wetability of the finished fabric. 11. Treated fabric does not have any impact on chlorine fastness properties (pool water fast softener).	Block silicone fluid	Slightly cationic
	759	FLEXSIL-HSSD-80	Fleast-HESD-80 is a ternary block functional siltone copolymer, which combines several formical entities in one linear molecule (silconae, polyamine 8 polyether copolymer). It is a new textile auxiliary agent designed to deliver a hydrophilic, soil, silky hand feel to all tippes of fairbics at bower dosage. It is an efficient hydrophilic soil, silky hand feel to all tippes of fairbics at bower dosage. It is an efficient polyrophilic silcone softener for a wide range of fairbics, such as 100% cotton, polyester/cotton blends, wood, rayon and acrylic wowen, nonwovers and knits.	I. Flexal:HSSD-80 treated fibric gives natural handle than the traditional hydrophilic amino-modified silicone softeners.  2. It is untable for different types of fiber (e.g. cotton, wool, man-made fibers Les synthetics like ployeters, rylon, viscose fibers, silk, and bleinded), especially for cotton (like kinds of bathroom towel), give cotton fabric the hydrophilic and superior softeness.  3. Excellent using safety and environmentally friendly.  4. Excellent using safety and environmentally friendly.  6. Excellent compound compatibility, fabric can be directly re-dyed after finished by Flexell+RSD-80. (which is the proposed of th	Ternary block functional silicone copolymer	Weakly cationic / non-ionic
762	760	FLEXSIL-OP-88	Flexist-OP-88 is a premium hydrophilic silicone fluid imparting a very soft silky handle while virtually maintaining the original substrate whiteness & hydrophilicity.  It maintains matural absorbency of cellulosic substrates & their blends with synthetics. The hydrophilic properties imparted show practically no change with ageing or extreme drying conditions.	Superior affinity for many of the fabrics.     Easy to emulsify.     Superior affinity for many of the fabrics.     Supers durable hydrophilic softness to fabrics.     Hupparts lubricity to fabrics.     Scauses virtually no yellowing of white or light shade goods.	Linear polyquaternary- polysiloxane polyalkyl alkyleneoxide copolymer	Weakly cationic / non-ionic
764	761	FLEXSIL-RHF	FlexsI-RHF is hydrophilic silicone fluid imparting a soft handle while maintaining the original substrate whiteness & hydrophilicity. It maintains natural absorbency of cellulosis substrates & their blends with synthetics. The hydrophilic properties imparted show practically no change with ageing or extreme drying conditions.	Superior affinity for many of the fabrics.     Easy to emulsify.     Imparts durable hydrophilic softness to fabrics.     Imparts durable hydrophilic softness to fabrics.     Imparts burbicity to fabrics.     Causes virtually no yellowing of white or light shade goods.	Linear polyquaternary- polysiloxane polyalkyl alkyleneoxide copolymer	Weakly cationic / non-ionic
	762	POWERSIL-208	Powersil-208 is a self-dispersing polyether-amino-functional silicone fluid. It considerably improves the wear confort of textiles and is therefore particularly suitable for use with non-woven and terry goods.	The hydrophilic properties allows unrestricted moisture transport within the fabric, together with the excellent hand, the fabric, together with the excellent hand.  It does not generally affect the color shade or fastness of colored goods.  It bonds more strongly to the fiber surface than gived- and quast-inuctional polyalizations. This leads to better enhantshifting and waste resistance.  4. However, the color of the fiber surface than gived- and quast-inuctional polyalizations based on it have a pH stability that extends well into the allolate range.  5. It offers good shear stability.	Self dispersible linear AB quat	Cationic
765	763	POWERSIL-500	Powersil-500 imparts a pleasant, soft, supple hand to woven and knitted fabrics as well as to towels	Finishing with it improves the moisture management of the treated textiles.     Additionally wash-and-wear properties and the crease recovery angle, sewability and tear strength are increased and abrasion loss is reduced.     It does not generally affect the color shade or fastness of colored goods.	Based on silicone fluid	Non-ionic

П	A 764	POWERSIL-6039	C Powersil-6039 endows the fabric with excellent soft, surface smoothness & silky	D     I. Shear stable elastomeric silicone softener with excellent soft hand.	E Emulsion of modified	F Slightly cationic
767	704	FUWERSIL-0039	handle. It has outstanding stability at high temple starter. Treated their delivers soft, surface smooth, skilly feel to various fairles, especially the plain fairles, such as trousers, polyester® polyester viscose fabrics. It is Shear stable	Sandar Assured Consolined Control of the Contr	amino siloxane	sugnity cationic
768	765	POWERSIL-6315	Powers16-315 endows the fabric with excellent soft, surface smoothness & silty handle. It has outstanding stability at high temperatures. Treated fabric delivers soft, surface smooth, silty feel to various fabrics, especially the plain fabrics, such as trousers, polyester & polyester viscose fabrics. It is Shear stable	Shear stable elastromeric silicone softener with excellent soft hand.     Excellent elastromeric effort.     Severy good bath compatibility with other bath ingredients.     Severy good bath compatibility with other bath ingredients.     Effectively solved the problem of demusification and sticking to the roller.     It gives excellent surface smoothness on cotton & viscose rayon fabric.     It has high performance on price ratio compared with the other common blocking silicon oil.	Emulsion of modified amino siloxane	Slightly cationic
769	766	POWERSIL-SBK	Powerst-SRK endows the fabric with excellent soft, surface smoothness & silly handle. It has outstanding stability at the high temperatures. Treated fabric delivers soft, surface smooth, silly feel to various fabrics, especially the plain fabrics, such as trousers, polyester's polyester viscose fabrics.	1. Effectively solved the problem of demulsification and sticking to the roller.  2. Outstanding compatible performance. 3. If complexed with the amino silicone oil, it will improve the application performance. 4. PowersI-SISK gives excellent surface smoothness on cotton & viscose rayon fabric. 5. It has high performance on price ratio compared with the other common blocking silicon oil.	Emulsion of modified amino siloxane	Non-ionic
770	767	PROFINISH-VNO	blends. It is eastly dispersible in water. It does not cause yellowing of fabrics.  2. Raising lubricant for cellulosic filters.  3. Suitable for white goods.  4. Compatible with peach reain finishing agents.  5. Compatible with optical brighteners.  6. Low volutility.		Fatty acid condensation product	Non-ionic
771	768	PROFINISH-VNUM	Profinish-VWUM is a softening agent with very good sewability. It is untable for cotton and its bened with symbetics, Sophicable by pad & exhaust method. It is suited for application on jet dyeing machines or for a spray process (WEKO). It is suitable for dyed fabrics and white goods.	1. It is an excellent softener for all kinds of fibers:  2. Especially good effects result on cotton and its blends with synthetics.  3. Fabrict reated with it show a very soft voluminous and smooth handle.  4. It improves the exembility of women and knitted fabrics due to its additives of polyerhylene & silicone.  5. It is low foraming and shear resistant and therefore suitable to be used in modern short liquor machines.  6. It is practically not yellowing up to a drying temperature of 140°C.  7. This also applies for optically brightened white goods.	Fatty acid condensation product/polyethylene & silicone derivative	Cationic
	769	POWERSIL-NTM	Powersi-NTM delivers a luxuriously soft and flexible hand feel to all types of collusiois, regnerate cellulois and regulared cellulois changed fishirs; and garments, irrespective of composition and structure. This is further enhanced by a deep, voluminous and smooth softness that is not usually associated with silicone materials.	1. Silpnery, voluminous and in-depth softness on virtually all types of fabrics as opposed to a greaps hand feel.  2. Due to excellent exhaustibility and affinity with fibers, exhibits unique and unusually powerfus offenesses effect at low use levels.  3. Quickly absorbs and perspiration; minimal impact on the hydrophilic nature of cotton and cotton blends.  4. Provides stretch recovery with bouncy and drapable effect, particularly on losits.  5. Almost self-emulsifiable, can generate emulsions that possess high shear and pff stability and & alkaline.  6. Exhibits durable softness to home laundry washes particularly on cellulose based fabrics.  7. Causes virtually no yellowing of white and light shade fabrics.  7. Causes virtually no yellowing of white and light shade fabrics.	Linear polyquaternary- polysüloxane polyallyl alkyleneoxide copolymer	Cationic
112	770	POWERSIL-THS	Silicone softener for imparting excellent softness and luxurious surface smoothness, hydrophilic and antistatic properties to all kinds of fabrics.	1.0 ffers softness along with hydrophillicity to cotton and other natural fabrics.	Proprietary silicone copolymer with reactive	Weakly Cationic / Non-ionic
773	771	POWERSIL-WTS	Powersil-WTS is a hydrophilic silicone softener for comfort and easy care finish. It is a semi macro silicone emulsion for fuller and bully handle. It imparts very good if hydrophilicy and surface smoothness on terry towels & kints made of cellulose and its blends.	2. does not cause any vellowing on white fabrics.  1. Imparts exceller soft bully handle.  2. Good hydrophilic properties and water retention.  3. Imparts fabric confort and surface smoothness. Good water retention required for high end towels is well achieved by customized recipes involving this product.  4. Allows production of fabrics and garments with a high whiteness and minimal shade change on colored fabrics.	groups Proprietary silicone copolymer with reactive groups	Weakly Cationic / Non-ionic
775	772	DERMASIL-5853	Demasi-5833 is a novel textile softener of linear polydimethystiloxone amino polyallyleneoude copolymer. It is designed to provide soft, silky, hand to labrics. The softness provided by Dermasil-5853 is durable for numerous detergent washes. It imparts superior softness and very low yellowing compared to conventional amino silicones when applied to a wide variety of fabrics of polyester fabric & their blends.	1. Provides a high level of softness & surface smoothness for all types of synthetic fabric specially oplester for their blends like PV & PC.  2. Does not cause fabric yellowing.  3. Suitable for all normal application methods, such as pad bath, exhaustion and spray.  4. Dilutions are extremely shear stable. Easily diluted with water or alcohol.  5. Water dilutions have excellent compatibility with finishing baths.	Emulsion of siloxanes and silicones, polyether	Non-ionic
776	773	FLEXSIL-490	Flexsil-1990s a new generation textile softener for knitted & wover fabrics of cotton, polyester, viscose, lycra & there blends. Can be applied by pad & exhaust method.	1. Treated fabric imparts excellent soft & silky handle. 2. It has several benefits compare to sandard amino silicone softener like shear stability, low yellowing less hydrophobicity & better hand feel at lower active silicone levels. 3. It is self-emulsfilable emulsion with outstanding stability. 4. Ultra-low yellowing. 5. Doesn't contain emulsifier's hence no thermo-migration problems. 6. Excellent stability under most finishing conditions, including jet/overflow. 7. Excellent fiber elasticity and shape recovery.	Polyether amino functional fluid	Weakly cationic / non-ionic
777	774	LUBASOFT-EC	Labson/E. Cust only can help provide in-depth notiness and silcianess, but also features resistance to them and ingrainic, color fatness, thirty witherease, redynability, over dynability and moderate shear stability at a typical bath condition for textle finishing.  The softness provided by it is durable for numerous detergent washes.	Provides a high level of softness (timer softness for all types of synthetic fabric especially polyster & their blevol.  2 Does not cause fabric yellowing.  3 Laurariously sligh, orga-able and in-depth softness, as opposed to a slippery hand-on fabric surface that is typically imparted by amino functional silliconess.  4. Suitable for all normal application methods, such as pad bath, exhaustion and spray.  5. Dilutions are extremely shear stable. Easily diluted with water.  6. Water dilutions have excellent compatibility with finishing baths.  7. Can be co-applied with fluorocarbion soil release agents.  8. Works at very jow disage.  9. May be used with most types of typical equipment's for textile finishing.	Block amino silicone emulsion	Non-ionic
778.	775	also fotures resistance to thermal migration, color fastness, fabric whiteness, re-fabric especially polyester (dyeability) and moderate shear stability at a typical bath condition for textile finishing.    Solid		4. Suitable for all normal application methods, such as pad bath, exhaustion and spray.  5. Dilutions are extremely shear stable. Easily diluted with water.  6. Water dilutions have excellent compatibility with finishing baths.  7. Can be co-applied with fluorocarbon soil release agents.  8. Works at very Jow disage.  9. May be used with most types of typical equipment's for textile finishing.	Block amino silicone emulsion	Non-ionic
	776	LUBASOFT-S	Lubson'S not only can help provide in-depth softness and dickness, but also features resistance to thermal migration, color fastness, fabric whiteness, redyeability, over dyeability and moderate shear stability at a typical both condition for textile finishing.	1. Provides a high level of softness (timer softness for all types of synthetic fabric repoctally polyster A their blue) polysters of their blue).  2. Does not cause fabric yellowing.  3. Lournously silky craps—alth and in-depth softness, as opposed to a slippery hand-on fabric surface that is typically imparted by amino functional silknows.  4. Suitable for all normal application methods, such as pad bath, exhaustion and spray.  5. Dilutions are extremely absert stable. Easily diluted with water.  6. Water dilutions have excellent compatibility with finishing baths.  7. Can be co-applied with fluorocarbon soil release agents.  8. Works at very low disage.  9. May be used with most types of typical equipment's for textile finishing	Block amino silicone emulsion	Non-ionic
779	777	MICROTEK-AS-ECO	Microtel-AS-ECO is block silicone emulsion. It not only can help provide in- depth softness and slickness, but also features resistance fabric whiteness, re- dye ability, over offeet she establish and moderate sheen stability at a typical bath condition for textile finishing. This deliness provided by Microtel-AS-ECO is durable for numerous detergent weather.	The new modified group endows the fabric with excellent soft, smooth, silky hande.     Zelffectively solved the problem of demulsification and sticking to the roller.     3.Outstanding compatible performance.     White the solution of the solution of the solution of the performance of the solution of the solutio	Polysiloxanes, Polyether	Weakly cationic / Non-ionic

Н	A 778	MICROTEK-SS-EC	C Microtek-SS-EC is block silicone emulsion. It not only can help provide in-depth	D  1. The new modified group endows the fabric with excellent soft, smooth,	E Polysiloxanes, Polyether	F Weakly cationic / Non-ionic
			softness and slickness, but also features resistance fabric whiteness, re-dye ability, over dye ability and moderate shear stability at a typical bath condition	silky handle.  2. Effectively solved the problem of demulsification and sticking to the roller.	.,	, , , , , , , , , , , , , , , , , , , ,
			for textile finishing.	Outstanding compatible performance.  If complexed with the amino silicone oil, it will improve the application		
			The softness provided by Microtek-SS-EC is durable for numerous detergent washes.	tr complexed with the amino suicone oil, it will improve the application performance.		
			In addition, fabrics treated with it are not hydrophobic. It imparts a slow wetting durable hydrophilic character to fabrics.			
781	779	POWERSIL-5837	Powersil-5837 is designed to provide soft, silk hand to fabrics. The softness	Provides a high level of softness for all types of synthetic fabric especially	Polydimethylsiloxane with	Weakly cationic / non-ionic
			provided by it is durable for numerous detergent washes.	polyester & their blends.  2. Suitable for all normal application methods, such as pad bath, exhaustion	functional groups (aqueous emulsion)	
				and spray.  3. Dilutions are extremely shear stable. Easily diluted with water.	Cintasion	
				4. It is self-emulsifiable emulsion with outstanding stability.		
				<ol><li>It imparts superior softness and very low yellowing compared to conventional amino silicones when applied to a wide variety of fabrics of</li></ol>		
				polyester fabric & their blends.		
782	780	POWERSIL-6053			Block amino silicone	
	780	POWERSIL-0053	Powersil-6053 treated fabric gives excellent surface smoothness & softness on Polyester viscose suiting, PC blends, etc Best softener for PV suiting.	<ol> <li>Provides a high level of softness (inner softness for all types of synthetic fabric especially polyester &amp; their blends.</li> </ol>	emulsion	Non-ionic
			Does not cause fabric yellowing.     Luxuriously silky, drape-able and in-depth softness, as opposed to a			
				slippery hand-on fabric surface that is typically imparted by amino functional silicones.		
				4. Suitable for all normal application methods, such as pad bath, exhaustion		
				and spray.		
783	781	POWERSIL-6084	Powersil-6084 is a silicone softener composed of amino modified polysiloxane	It imparts a unique hand coupled with durable wrinkle recovery.	Modified polysiloxane &	Weakly cationic / non-ionic
			as its principal active compound. It imparts excellent lubrication and smoothness. It increases tensile resilience, gives springly elastic handle and a	<ol> <li>It gives excellent and durable softness crease resistance, flexibility and lubricants especially on cotton, nylon, polyester, acrylics and their blended</li> </ol>	specialty surfactants	
			unique softness on various fabrics. It has a strong affinity for all fibres since it	knit.		
784			has a reactive amino functional group in its structure.	It is very economical in usage and easy to handle.		
	782	POWERSIL-6302	Powersil-6302 is an emulsion especially developed for pile fabrics made of polyester & polyester rich textiles like rugs, bath mats, chenille, mink fabrics etc	Treated fabric exhibits fluffy smooth feel.     Shear stable hence suitable in application in high turbulence equipment's	Emulsion of siloxane & silicones, polyether	Weakly cationic / non-ionic
			Treated fabric gives soft, greasy, excellent smooth surface on all type of fabrics	like JET, Soft flow machine etc.  3. Suited for all type of fabrics especially polyester & polyester rich blend		
				<ol> <li>Treated fabric exhibits fluffy smooth slick feel on polyester mink, rugs,</li> </ol>		
				fleece, chenille fabrics.		
/65	783	POWERSIL-6332	Powersil-6332 is used with a variety of fabrics, like cotton woven & knitted,	I. It is self-emulsifiable emulsion with outstanding stability.	Block amino silicone	Weakly cationic / non-ionic
			polyester, polyamide, acrylic fabrics and spandex blends, as well as wool, cashmere, fleece fabric, raised fabrics	Ultra-low yellowing.     Excellent stability under most finishing conditions, including jet/overflow,	emulsion	
				etc. 4. May be co-applied with crease (durable press) resist resins, their catalysts		
				and optionally OBA's.		
786		I DOLLARDON CO. II		5. Excellent fiber elasticity and shape recovery.	m 1 · · ·	
	784	POWERSIL-6347	Powersil-6347 is used with a variety of fabrics, like cotton woven & knitted, polyester, polyamide, acrylic fabrics and spandex blends, as well as on PV fabric	It is self-emulsifiable emulsion with outstanding stability.     Ultra-low yellowing.	Block amino silicone emulsion	Weakly cationic / non-ionic
			it gives good surface	3. Excellent stability under most finishing conditions, including jet/overflow,		
707				Excellent fiber elasticity and shape recovery.		
707	785	POWERSIL-6351	Powersil-6351 is a novel textile softener designed to provide soft, talcum	Provides a high level of softness for all types of synthetic fabric especially	Emulsion of modified	Non-ionic
			powder or powdery like feel to fabrics, especially synthetics. The softness provided by Powersil-6351 is durable for numerous detergent washes.	polyester & their blends.  2. Does not cause fabric yellowing.	amino siloxane	
				<ol> <li>Suitable for all normal application methods, such as pad bath, exhaustion and spray.</li> </ol>		
				4. Dilutions are extremely shear stable. Easily diluted with water.		
				Water dilutions have excellent compatibility with finishing baths.     It imparts superior softness and very low yellowing compared to		
				conventional amino silicones when applied to a wide variety of fabrics of polyester fabric & their blends.		
				7. In addition, fabrics treated with Powersil-6351 are not hydrophobic. It		
				imparts a slow wetting durable hydrophilic character to fabrics.		
/00	786	POWERSIL-6362	Powersil-6362 not only can help provide in-depth softness and slickness, but	Provides a high level of softness (inner softness for all types of synthetic	Block amino silicone	Non-ionic
			also features resistance to thermal migration, color fastness, fabric whiteness, re dyeability, over dyeability and moderate shear stability at a typical bath	fabric especially polyester & their blends.  2. Does not cause fabric yellowing.	emulsion	
			condition for textile finishing. The softness provided by Powersil-BRK is durable for numerous detergent	Luxuriously silky, drape-able and in-depth softness, as opposed to a slippery hand-on fabric surface that is typically imparted by amino		
			washes	functional silicones.		
				<ol> <li>Suitable for all normal application methods, such as pad bath, exhaustion and spray.</li> </ol>		
				<ol> <li>Dilutions are extremely shear stable. Easily diluted with water or alcohol.</li> <li>Water dilutions have excellent compatibility with finishing baths.</li> </ol>		
				Can be co-applied with fluorocarbon soil release agents.     Works at very low dosage.		
				May be used with most types of typical equipment's for textile finishing.		
789						
22	787	POWERSIL-6396	Powersil-6396 is an emulsion especially developed for piled fabrics made of	Treated fabric gives excellent smooth fluffy and greasy surface on all type of fabrics fluffy	Block silicone	Weakly cationic / non-ionic
			polyester & polyester rich textiles like rugs, bath mats, chenille, mink fabrics etc	2. Shear stable hence suitable in application in high turbulence equipment's		
				like JET, Soft flow machine etc.  3. Suited for all type of fabrics especially polyester & polyester rich blend.		
790						
П	788	POWERSIL-6401	Powersil-6401 is an emulsion especially developed for pile fabrics made of polyester & polyester rich textiles like rugs, bath mats, chenille, mink fabrics etc	Treated fabric exhibits fluffy smooth feel.     Shear stable hence suitable in application in high turbulence equipment's	Emulsion of siloxane & silicones, polyether	Weakly cationic / non-ionic
			Treated fabric gives soft, greasy, excellent smooth surface on all type of fabrics	like JET, Soft flow machine etc.	omes, posyetilei	
				<ol> <li>Suited for all type of fabrics especially polyester &amp; polyester rich blend</li> <li>Treated fabric exhibits fluffy smooth slick feel on polyester mink, rugs,</li> </ol>		
				fleece, chenille fabrics.		
791	789	POWERSIL-6402	Powersil-6402 is an emulsion especially developed for pile fabrics made of	Treated fabric exhibits fluffy smooth feel.	Emulsion of siloxane &	Weakly cationic / non-ionic
			polyester & polyester rich textiles like rugs, bath mats, chenille, mink fabrics etc Treated fabric gives soft, greasy, excellent smooth surface on all type of fabrics	2. Shear stable hence suitable in application in high turbulence equipment's	silicones, polyether	, ,
			included and its gives sort, greatsy, excellent smooth surface on all type of fabrics	like JET, Soft flow machine etc. 3. Suited for all type of fabrics especially polyester & polyester rich blend		
				<ol> <li>Treated fabric exhibits fluffy smooth slick feel on polyester mink, rugs, fleece, chenille fabrics.</li> </ol>		
792						
٦	790	POWERSIL-6798	Powersil-6798 is an emulsion especially developed for pile fabrics made of polyester & polyester rich textiles like rugs, bath mats, chenille, mink fabrics etc	Treated fabric exhibits fluffy smooth feel.     Shear stable hence suitable in application in high turbulence equipment's	Emulsion of siloxane & silicones, polyether	Weakly cationic / non-ionic
			Treated fabric gives soft, greasy, excellent smooth surface on all type of fabrics.	like JET, Soft flow machine etc.  3. Suited for all type of fabrics especially polyester & polyester rich blend.	, same, paryeaner	
703				Sunted for all type of labrics especially polyester & polyester rich blend.		
193	791	POWERSIL-6805	Powersil-6805 is a novel textile softener of linear polydimethylsiloxane amino	Provides a high level of softness for all types of synthetic fabric especially	Emulsion of siloxane &	Non-ionic
			polyalkyleneoxide copolymer with PU back bone .	polyester & their blends.  2. Does not cause fabric yellowing.	silicones, polyether	
				<ol> <li>Suitable for all normal application methods, such as pad bath, exhaustion and spray.</li> </ol>		
				4. Dilutions are extremely shear stable. Easily diluted with water or alcohol.		
794	ec.	DOLLARDON DAY		5Treated fabric shows excellent elastomeri effect		<u> </u>
	792	POWERSIL-BPV	Powersil-BPV is a novel textile softener of linear polydimethylsiloxane amino polyalkyleneoxide copolymer. It is designed to provide soft, silky, hand to	Provides a high level of softness & surface smoothness for all types of synthetic fabric especially polyester & their blends like PV & PC.	Emulsion of siloxanes and silicones, polyether	Non-ionic
			fabrics. The softness provided by Powersil-BPV is durable for numerous detergent washes.	Does not cause fabric yellowing.     Suitable for all normal application methods, such as pad bath, exhaustion		
			It imparts superior softness and very low yellowing compared to conventional	and spray.		
			amino silicones when applied to a wide variety of fabrics of polyester fabric & their blends.	Dilutions are extremely shear stable. Easily diluted with water or alcohol.     Water dilutions have excellent compatibility with finishing baths.		
		1	1	1	I	l

796	A 793	POWERSIL-BRK-M	Powersil-BBK not only can help provide in-depth softness and slickness, but also features resistance to thermal migration, color fastness, fabric whiteness, redyability, over dyability, over dyability and moderate shear stability as of spicial bath. The softness provided by Powersil-BRK is durable for numerous detergent washes.  Powersil-BBK not only can help provide in-depth softness and slickness, but also features resistance to thermal migration, color fastness, fabric withteness, here	1. Provides a high level of softness (liner softness for all types of synthetic fabric especially polyseter & their blends. 2. Does not cause that 'yellowing. 3. Does not cause that 'yellowing. 4. Suitable for all normal application methods, such as pad bath, exhaustion and spray. 4. Suitable for all normal application methods, such as pad bath, exhaustion and spray. 5. Dilutions at containing the extraction of the containing the exhaustion and spray. 5. Dilutions at containing the exhaustion and spray. 6. Dilutions at containing the exhaustion and spray. 6. Dilutions at containing the exhaustion and spray. 7. Can be exapplied with fluore-arbon soil release agents. 8. Works at very low dosage. 9. May be used with most perso of year clayed person of the exhaustion and the exhaustio	E Block amino silicone emulsion	Non-ionic  Non-ionic
797			also features resistants of merian ingradion, ord Tistness, Indire Writeless, re- conditions for testification of the merian ingradion, or open and the process of the process of the condition for testific finishing.  The softness provided by Powersil-BRK-S is durable for numerous detergent washes.	abork expectantly polyecter or later themselves a superant polyecter or later than the control of the control o	emusson	
757	795	POWERSIL-FLS	Powersil-FLS is an emulsion especially developed for pile fabrics made of polyester & polyester rich textiles like rugs, bath mats, chenille, mink fabrics etc. Treated fabric gives soft, greasy, excellent smooth surface on all type of fabrics.	Treated fabric exhibits fluffy smooth feel.     Shear stable hence suitable in application in high turbulence equipment's like JET, Soft flow machine etc.     Suited for all type of fabrics especially polyester & polyester rich blend.	Emulsion of siloxane & silicones, polyether	Weakly cationic / non-ionic
798	796	POWERSIL-RAS-NEW	Powersil-RAS-NEW is an emulsion especially developed for pile fabrics made of polyester & polyester rich textiles like ruge, bath mats, chenille, mink fabrics etc. Treated fabric gives soft, greasy, excellent smooth surface on all type of fabrics.	Treated fabric exhibits fluffy smooth feel.  2. Shear stable hence suitable in application in high turbulence equipment's like [ET. Soft flow machine etc.  3. Suited for all type of fabrics especially polyester & polyester rich blend.  4. On polyester rugs fabric it gives rabbit hair type soft smooth feel	Emulsion of siloxane & silicones, polyether	Weakly cationic / non-ionic
799	797	POWERSIL-SPV	Noversal: STV (see only can help provided in-depth secfuses and discloses, but also features resistance to thermal negations, order fatness, shirtly witherens; redysability, over dysability and moderate shear stability at a typical bath condition for textile finishing.  The softness provided by Powersal-SPV is durable for numerous detergent washes.	In Provides a high level of anotheses (timer softmess for all types of synthetic fubric especially polysears of their bendances for all types of synthetic fubric especially polysears of their bendances. 2 Does not cause fabric yellowing.  2. Does not cause fabric yellowing.  3. Laxurriously sillow, drape-able and in-depth softness, as opposed to a slippery hand-on fabric surface that is typically imparted by amino functional sillicone.  4. Suitable for all normal application methods, such as pad bath, exhaustion and apray.  4. Suitable for all normal application methods, such as pad bath, exhaustion and apray.  7. Works at very low disage.  6. Water dilutions have excellent compatibility with finishing baths.  7. Works at very low disage.  8. May be used with most types of typical equipment's for textile finishing baths.  7. Soft flow machine etc.  10. Suited for all type of fabrics especially polyester & polyester rich blend.	Block amino silicone emulsion	Non-ionic
800	798	POWERSIL-SSX-F	Powersil-SSX-F is a fluid especially developed for pile fabrics made of polyester & polyester rich textiles like rugs, bath mats, chenille, mink fabrics etc. Treated fabric gives soft, greasy, excellent smooth surface on all type of fabrics.	I. Treated fabric exhibits fluffy smooth feel.     Shear stable hence suitable in application in high turbulence equipment's like JET. Soft flow machine etc.     Suited for all type of fabrics especially polyester & polyester rich blend.	Emulsion of siloxane & silicones, polyether	Weakly cationic / non-ionic
801	799	PRODUCT-PL-G	Product-Pt-G is block silicone emulsion. It not only can help provide iri-depth softness and slickness, but also features resistance fabric whiteness; re-dye ability, over eye deptility and moderate sheer stability at a rejucial bath condition for textile finishing. The softness provided by Product-Pt-G is durable for numerous detergent washes.	The new modified group endows the fabric with excellent soft, smooth, silky handle.     Effectively solved the problem of demulsification and sticking to the roller.     3. Outstanding compatible performance.     If complexed with the amino silicone oil, it will improve the application performance.	Polysiloxanes, Polyether	Weakly cationic / Non-ionic
803	800	DAZZSOFT-6484	Dazzońc-6484 s used with a variety of fabrics, like cotton woren & kultzed, polyester, polymiek, caylic fabrics, and spaneke blends, as well as wool, cashmere, fleece fabric, raised fabric, PES mink, PES rugs and its blends.	Lit is self-emulsifiable emulsion with outstanding stability.  2 Uttra-low yellowing.  3 Excellent stability under most finishing conditions, including jet/overflow, etc.  4. May be co-applied with crease (durable press) resist resins, their catalysts and optionally OBA's.  5. Excellent fiber elasticity and shape recovery.	Block amino silicone emulsion	Weakly cationic / non-ionic
	801	POWERSIL-6212	Powers16-212 endows the fabric with excellent soft, surface smoothness & silty handle. It has outsiding stability at the high temperatures. Treated fabric delivers soft, surface smooth, silty feel to various fabrics, especially the plain fabrics, such as trousers, polyester& polyester viscose fabrics.	LEffectively solved the problem of demulsification and sticking to the roller. 2 Outstanding compatible performance. Economical 60% self dispersible block. 3. If complexed with the amino silicone oil, it will improve the application performance. 4. Powersil-6212 gives excellent surface smoothness on cotton & viscose rayon fabric. 5. It has high performance on price ratio compared with the other common blocking silicon oil.	Emulsion of modified amino siloxane	Non-ionic
805	802	POWERSIL-6483	Powersit-6483 is used with a variety of fabrics, like cotton woven & knitted, polyester, polyamide, acrylic fabrics and spundex blends, as well as wood, cashmere, fleece fabric, raised fabric, PES mink, PES rugs and its blends.	1. It is self-emulafilable emulsion with outstanding stability. 2. Ultra-low yellowing. 3. Excellent stability under most finishing conditions, including jet/overflow, etc. 4. May be co-applied with crease (durable press) resist resins, their catalysts and optionally OBA's. 5. Excellent fiber elasticity and shape recovery.	Block amino silicone emulsion	Weakly cationic / non-ionic
	803	POWERSIL-6484	Powers16-684 s used with a variety of fabrics, like cotton woven & knitted, polyester, polyamide, acrylic fabrics and spandex blends, as well as wood, cashmere, fleece fabric, raised fabric, PES mink, PES rugs and its blends.	1. It is self-emulafilable emulsion with outstanding stability. 2. Ultra-low yellowing. 3.Excellent stability under most finishing conditions, including jet/overflow, etc. 4. May be co-applied with crease (durable press) resist resins, their catalysts and optionally OBA's. 5. Excellent fiber disasticity and shape recovery.	Block amino silicone emulsion	Weakly cationic / non-ionic
807	804	POWERSIL-6531	Powersil-6531 not only can help provide in-depth softness and slickness, but also features resistance to thermal migration, clord fastness, fabric whiteness, re dyeability, our edyeability and moderate shear stability at a typical bath condition for textile finishing. The softness provided by Powersil-6531 is durable for numerous detergent washes	1. Provides a high level of softness (inner softness for all types of synthetic fabric especially polyseter & their blends. 2. Does not cause barbric yellowing. 3. Lauxriously sillsy, drape-able and in-depth softness, as opposed to a slippery hand-no harbic surface that is typically imparted by amino functional sillcones. 4. Sutable for all normal application methods, such as pad bath, exhaustion and spray. 5. Dilutions are extremely shear stable. Easily diluted with water or alcohol.	Block amino silicone emulsion	Non-ionic
900	805	POWERSIL-6580	Powersil 6580 iseconomical block silicone with excellent soft smooth hand feel especially on cotton woven & knitted faric & its blends.	Ultra-low yellowing.     Excellent stability under most finishing conditions, including jet/overflow,	Block silicone	Weakly cationic / non-ionic
808	806	POWERSIL-PCR	Powersil-PCR not only can help provide in-depth softness and slickness, but also features libric whiteness, re-dysability, over dysability and moderate shear The softness provided by Powersil-PCR is durable for numerous detergent washes.	etc. L Provides a high level of softness (inner softness for all types of synthetic fabric especially pubyester & their blends. L Throwides and the soft of the soft soft soft soft soft soft soft soft	Block amino silicone emulsion	Non-ionic
810	807	DERMASIL-WA	Dermasil-WA is a non-ionic macro emulsion of reactive amino modified silicone fluid. It imparts very soft, smooth & elastic handle on woven & loitted fabrics.	1. Gives excellent soft, smooth & elastic handle on all types of woven & knit fabrics. 2. Improves wash & wear properties. 3. Improves seases recovery angle, sewability & tear strength. 3. Improves seases recovery angle, sewability & tear strength. 5. Effects are first to washing & dry cleaning. 6. It has little effect on degree of whiteness. 7. No adverse effect on the shade or color fastness properties of colored goods.	Amino modified silicone fluid	Non-ionic

	A 808	B MICRODERM-ULTRA	C Microderm-ULTRA is a semi micro emulsion of a single component, organo functional silicone elastomer for permanent finish on all types of fibers and blends.	D  1. Excellent elastic resilience. 2. Improved wash & wear effects. 3. Imparts smooth, soft handle. 4. Improved elastic recovery of knitted goods.	E Organo functional silicone	F Cationic
811	809	POLYDERM-12	Polyderm-12 is a semi-micro emulsion of an epoxy modified organo functional	5. Prevents loop damage during high-speed industrial sewing. 6. Improves the wern birstness of dyed fabrics. 7. Improves dimensional stability of knit goods. 8. It gives excellent theep be high effect to dyed fabrics. Gives good effect against all kinds of black fabric & excellent color deepening effect especially for polyester & their blend fabrics. 1. Excellent elastic resilience.	Amino modified silicone	Weakly cationic / Non-ionic
812	809		silicone elastomer to give permanent finish on all types of fibres and blends.	2. Improved wash & wear effects. 3. Imparts smooth, soft handle. 4. Improved elastic recovery of kuitted goods. 5. Prevents loop damage during high-speed industrial sewing. 6. Improves the worth bastness of gold platics. 7. Improves dimensional stability of knit goods.	Amino modified sincone	weakly cattonic / Non-tonic
012	810	POWERSIL-210	Powers11:210 is a macro silicone emulsion suitable for the impregnation of all kinds of fibers and textiles. It imparts a very soft, drapable and elastic hand to a wide range of fiber materials such as cotton, polyester, viscose and their mixtures.	I. It improves sewability, wash-and-wear properties, easy iron and crease recovery.     It has very little effect on the degree of whiteness.     No adverse effect on the shade or color fastness properties of colored goods is observed.	Emulsion of modified amino siloxane.	Non-ionic
014	811	POWERSIL-AE	Powersil-AE is a macro silicone emulsion suitable for the impregnation of all kinds of fibers and textiles.	It improves sewability, wash-and-wear properties, easy iron and crease recovery.  27 thas very little effect on the degree of whiteness.  3. No adverse effect on the slade or color fastness properties of colored goods is observed. At it majorts a very off, drapable and elastic hand to a wide range of ther materials such as cotton, polyester, viscose and their matures.	Silicone fluid emulsion	Nonionic
815	812	POWERSIL-EBA	Powersil-EBA is an economical color deepening agent designed to increase the depth of primarily cotton and their blended fabrics, dyed in black, navy blue or dark shades by post treatment of fabric.	It gives color deepening in dark shades up to 15-30% by pad, dry-cure process.     Excellent elastic resilience & soft and smooth handle.	Emulsion of modified amino siloxane	Non-ionic
015	813	POWERSIL-SBS	Powersil SES is a semi-micro emulsion of an epozy modified organo functional silicone elastomer to give permanent finish on all types of fibres and blends.	L Excellent elastic resilience. 2. Improved wash & wear effects. 3. Imparts smooth, soft handle. 4. Improved elastic recovery of knitted goods. 5. Prevents loop damage during high-speed industrial sewing. 6. Improves the worth bistness of gold plaints. 7. Improves dimensional stability of knit goods.	Amino modified silicone	Weakly cationic / Non-ionic
817	814	PROLUBE-8603	Prolube-8603 imparts excellent softness to all types of woven and knitted fabrics with significantly less yellowing of fabric than is obtained with ethylene diamino functional silicones. The nature of the polymer also allows it to be crosslinked should an elastomeric finish be required.	Easily formulated into a stable micro emulsion which can be applied to fabric by padding and exhaustion.     It can also be used in conjunction with common textile finish auxiliaries such as crease resist resins.	Amino functional silicone polymer	Weakly cationic / Non-ionic
818	815	PROLUBE-CBO	Problet- EGD is a functional silicone fluid for formulating emulsions to impart excellent color deeping and softening properties on settler. It is particularly suitable as active substance in softener formulations for the impregnation of fibers and textiles. It imparts a very soft, drapable, and elastic handle to woven and knitted fibrics.	I. It is used for the application in all types of textile as textile finishing agent.  2. It is considered to be an excellent softening agent for cotton fabrics and bailtwear made of cotton or cotton/PES blends.  3. It imparts excellent color deepening properties on textiles.  4. It improves the wash-and-wear properties and the crease recovery angle, sevebility and text strength and reduces abresion loss.  6. It is exactly emulsification to a stable micro emulsion by simple stirring.  6. It is exactly emulsifiable to a stable micro emulsion by simple stirring.  7. Emulsions of Proble-CBO are highly stable, compatible with resin and show a much better textile finishing performance.  8. It is suitable for application by PAD, Eshaust (drum washer) and spraying.	Reactive functional siloxane	Weakly cationic / Non-tonic
212	816	PROLUBE-CIO	Prolube-COI is a functional silicone fluid for formulating emulsions to impart excellent color deeping and softening properties on textiles. It is particularly suitable as active substance is softener formulations for the impregnation of fibers and textiles. It imparts a very soft, drapable, and elastic handle to woven and knitted fabrics.	1. It is used for the application in all types of textile as textile finishing agent. 2. It is considered to be an excellent softening agent for corton fabrics and knitwear made of cotton or cotton/PES blends.  3. It imparts excellent color depenging properties on textiles.  4. It improves the wash-and-wear properties and the crease recovery angle, sevebility and treat strength and reduces abresion loss.  5. It imparts excellent stickness and realisence to the fiber.  5. It imparts excellent stickness and realisence to the fiber.  7. It imparts excellent stickness and realisence to the fiber.  8. It is suitable for application by PAD, Exhaust (drum washer) and spraying.  8. It is suitable for application by PAD, Exhaust (drum washer) and spraying.	Reactive functional siloxane	Weakly cationic / Non-ionic
019	817	PROLUBE-SNP	Probles SNI is autible as active substance in nofenore formulations for the impregnation of fibers and textiles. It imparts a very soft, drapable, and elastic handle to woven and knitted fabrics.		Modified amino functional polydimethylsiloxane fluid	
820	818	CELEXTRA-ECO	ELEXTRA-ECD is whear eable one-tonic oil in water micro emulsion of an organo functional polysiloane designed for imparting and lives of tilly had coupled with a ceellent surface smoothness, improved D.P. ratings & fabric physicals. It is completely non-yellowing even at elevated temperatures.	Imparts a very soft & dilly handle with excellent surface smoothness.  2. Non-yellowing hinch even at high temperatures making it suitable for white fabrics. 84, ayed fabrics with large white grounds.  3. Enhanced writide resistance & weak nad wear ratings.  4. Good inter fiber bubrictly with reduced blending registly resulting in improved drape & full of fabric. No effect in dyed shades.  6. Improved tear strength, tensile resilience abrasion resistance, sewability & cut & sew.  7. Shear stable.	Functional Polysiloxane	Cationic / Non-ionic
822	819	CELEXTRA-E	CELESTRA-E is shear stable non-ionic oil in water micro emulsion of an organo functional polysionane designed for imparting a fall, so silt by hand coupled with excellent surface smoothness, improved DP. ratings & fabric physicals. It is completely non-yellowing even at elevated temperatures.	2. Non-yellowing finish even at high temperatures making it suitable for	Functional Polysiloxane	Cationic / Non-ionic
823	820	CELEXTRA-NEW  CELEXTRA-NEW is shear stable non-ionic oil in water micro emulsion of an organo functional polysiloxane designed for imparting a full, soft silly hand coupled with excellent surface smoothness, improved D.P. ratings & abric physicals. It is completely non-yellowing even at elevated temperatures.		Imparts a very soft & dilly handle with excellent surface smoothness. 2. Non-yellowing hinth even at high temperatures making it suitable for white fabrics & dyed fabrics with large white grounds. 3. Enhanced wrindle resistance & wash and wear ratings. 4. Good inter fiber bubrictly with reduced blending rigidity resulting in improved drape & full of fabric. No effect in dyed shades. 6. Improved tear strength, tensile resilience abrasion resistance, sewability & cut & sew. 7. Shear stable.	Functional Polysiloxane	Cationic / Non-ionic
874	821	CELEXTRA-NEW-EC	CELEXTRA-NEW E. is shear stable non-ionic oil in water micro emulsion of an organo functional poyliolscane designed for imparting a fill, soft slik) hand coupled with excellent surface smoothness, improved D.P. ratings & fabric physicals. It is completely non-yellowing even at elevated temperatures.	I Imparts a very soft & silly handle with excellent surface smoothness. 2. Non-yellowing finish even at high temperatures making it suitable for white fabrics & dyed fabrics with large white gounds. 3. Enhanced wrinkler esistance & wash and wear ratings. 4. Good inter tiber bubrictly with reduced blending rigidity resulting in improved drape & full of fabric. No effect in dyed shades. 6. Improved tera strength, tensile resilience abrasion resistance, sewability & cut & sew. 7. Shear stable.	Functional Polysiloxane	Cationic / Non-ionic

П	A 822	DERMASIL-LF	C Dermasil LF is a concentrated silicone softener, composed of diamino functional	D	E Emulsion of modified	F Weakly cationic / non-ionic
	822	DERMASIL-LF	Dermasil LF is a concentrated silicone softener, composed of diamino functional polysiloxane as its principal active compound. It imparts excellent softness and smoothness. It increases tensile resilience, gives springe elastic handle and a unique handle on various fabric substrates. It has a strong affinity for all fibers since it has a reactive amino functional group in its structure. APEO free.	1. It imparts a unique hand coupled with durable wrinkler recovery. 2. It gives excellent and durable softness, crease resistance, flexibility especially on cotton, nylon, polyester, acrylics and their blended knit. 3. It is very economical in usage and easy to handle. 4. Gives very good surface smoothness	Emulsion of modified amino siloxane	Weakly cationic / non-ionic
825	823	LUBALLEN-HK	Luballen-HK is micro emulsion of an organo functional polysiloxane designed	Imparts a very soft & silky handle with excellent surface smoothness.	Emulsion of modified	Weakly cationic / Non-ionic
826			for imparting a full, soft silly hand coupled with excellent surface smoothness, improved d.p. ratings & fubric physicals. It is completely non-yellowing even at elevated temperatures	2. Non-yellowing finish even at high temperatures making it suitable for white fabrics. 80 yellow gounds. 3. Fabanced writing resistance 8 wash and wear ratings. 4. No effect in dyed shades. Improved tear strength, tensile resilience abroston resistance, sevolbility & cut and sew performance.	amino siloxane	
020	824	MICRODERM-8865	Microderm-8865 is a macro epoxy emulsion of a multi-functional elastomeric	Superior elastomeric, soft & smooth hand.	Epoxy silicone emulsion	Cationic
827			silicone. It provides superior elastomeric, soft & smooth touch to fabrics. When used alone or in conjunction with appropriate organic softeners, it is capable of exhausting onto fibers & fabrics. Treated fabric exhibits very good bounce.	2. Improve fabric tear strength & wrinkle recovery. 3. Very low yellowing. 4. Good emulsion stability. 5. Exhaustible. 6. One-component system, easy to use.		
	825	MICROSOFT-ECO	Microsoft-ECO is a micro emulsion concentrate of specially engineered amino	1. Its fine particles size ensures faster & uniform penetration into the fabric,	Functional polysiloxane	Cationic / Non-ionic
			modified silicone. It imparts an exceptionally soft full hand & luxurious handle along with improved resilience & fabric physicals.	making it less a surface treatment & more an internal softener.  2.1s high concentration makes is externelly excomined in usage & easy to handle. Purther provided flexibility by allowing appropriate dilution based of following parameters. a Pibric to legar ratio, D besired finishes i.e. softness etc. and c) Cost of flinish.  3. Perneum sorfaces & silley livaries handle on woven & initted fabrics.  4. Improvement in fabric physicials, tears strength, abration resistance, cut 5. Improvement in strength & recovery in knitted fabrics (elistomeric property).		
828	826	POLYDERM-HI-8	Polyderm-HI-8 is a cationic emulsion polymer of a proprietary re-equilibrated	It improves the elasticity of finished fabrics and resilience.	Emulsion of modified	Cationic
829			organo functional polysitoxane and biodegradable surfactants.  2. It imparts laster, enhances depth of dyed shade and improves its color value.  3. It improves fabric crease resistance and DP. appearance ratings.  4. It improves transfer trenslest strengths, abrission resistance & cut & sev performance.  5. On hadra It improves bursting strength and prevents bagging during w		amino siloxane	
	827	POWERSIL-3735-N	Powersil-3735-N is weakly cationic micro emulsion of an organo modified poly siloxane. It imparts extremely soft, silky, smooth handle on all types of fabric.	Gives excellent soft, smooth & elastic handle on all types of woven & knit fabrics.	Emulsion of modified amino siloxane	Weakly cationic
830			Particle size of it is particularly designed to the degree of fibric softness. It penetrates deep into the fiber bundle giving a luxurious soft handle. Suitable for nylon knits.	2. Can be applied by pad and exhaust.  3. Its fine particles size ensures faster & uniform penetration into the fabric, making it less a surface treatment & more an internal softener.  4. Premium softness & silky luxuries handle on woven & knitted fabrics.	anno sioxane	
021	828	POWERSIL-5910	An innovative concentrated microsilicone softener for padding application with	It imparts a unique hand coupled with durable wrinkle recovery.	Emulsion of modified	Non-ionic
831	829	POWERSIL-6185	recollent hounciness and inner softness:  Powers-14-Gists a non-vinic concentrated micro enulsion of an organo modified poly silcoane. It imparts extremely sort, silky, smooth handle on all types of fibric. Particle size of Powers-16 filts particularly designed to the degree of fabric softness. It penetrates deep into the fiber bundle giving a laxurious soft handle.  Liver of the powers of the penetrates deep into the fiber bundle giving a laxurious soft handle.  Liver of the powers of the penetrates deep into the fiber bundle giving a laxurious soft handle.  Liver of the powers of the penetrates deep into the fiber bundle giving a laxurious soft handle.  Liver of the powers of the penetrates deep into the fiber bundle giving a laxurious soft handle.  Liver of the penetrates deep into the fiber bundle giving a laxurious soft handle.		amino siloxane Emulsion of modified amino siloxane	Non-ionic
	830	POWERSIL-6186	Powersil-6186 is a concentrated silicone softener, composed of diamino	It imparts a unique hand coupled with durable wrinkle recovery.	Emulsion of modified	Non-ionic
833			functional polysiloxane as its principal active compound. It imparts excellent softness and smoothness on all type of fabrics	2. It gives excellent and durable softness, crease resistance, flexibility especially on cotton, nyion, polyester, acrylics and their blended knit.  3. It is very economical in usage and easy to handle.  4. Gives very good surface smoothness.	amino siloxane	
	831	POWERSIL-6375	Powersil-6375 is a non-ionic concentrated micro emulsion of an organo modified poly slowane. It imparts extremely soft (slow, smooth handle on all types of fabric. Particle size of it is particularly designed to the degree of fabric softness. It penetrate deep into the fiber bundle giving a luxurious soft handle. Fabric treated with Powersil 6375 shows colour deepening or increase in depth	1. Gives excellent soft, smooth & elastic handle on all types of woven & kint fabrics & bottom weight fabric     2. Can be applied by pad and exhaust.     3. Soft smooth and limpy finish on all types of substrate, excellent handefeel for kints in padding apilication either dry/wet and wet/wet	Emulsion of modified amino siloxane	Non-ionic
834	832	POWERSIL-6557	of fabric.  Powersile 657 is a power packed softener & hand modifier based on proprietary engineered hybrid pobysiloxane & APEO free surfactants. The semi micro emulsion is specifically designed to ensure optimum orientation of the modified siloxane on fabric substrates during drying enabling unsurpassed balance of surface silckness a smooth hand, improve definition of closer, enhanced fabric physical properties, reduced bending rigidity & optimized drape. The effects are durable to multiple cycles of home washing & dry cleaning.	2. It imparts a typically soft, waxy, peachest type handle for fabrics.  3. Benefits wash were performance. Sathle for padding and exhaust method.  4. Provides good surface smoothness.  5. Treated fabric gives losst amount of thermo migration in polyester fabrics.  6. Improves color depth & brightness of treated fabric.	Urethane pre-polymer composition & specialty silicone	Weakly cationic
033	833	Powersil ACN-	Powersil ACN is highly effective high performance macro emulsion of reactive	1. Gives excellent soft, smooth handle on all types of fabrics ecpecially high	Modified polysiloxane	Non-ionic
836			organo modified polysiloxane, for permanent finish on all types of labric substrates. Topoli-PME rested fabric exhibit excellent soft & smooth handle on all types of fabric.	value cotton shirting, sheeting fabric.  2. Improves swalling, crease recovery & tensile strength of the fabric.  3. Give extremely smooth gold finish on cotton knit, cotton bycra & PC knit fabrics  4. Improves the stretch & recovery capacity of lenit goods.  5. Improve tear strength & reduces sharsain loss.  6. Effects are fast to washing & dry cleaning		
027	834	POWERSIL-BLS	PowersI-BLS is highly effective high performance micro emission of reactive organo modified polysiloxane, for permanent finish on all types of fabric authorized. PowersI-BLS reasted fabric exhibit excellent soft & smooth handle on all types of fabric.	1. Gives excellent soft, smooth handle on all types of fabrics. 2. Lamprose sewaltity, crase receivery & testells strength of the fabric. 3. Can be applied by pad & exhaust method. 4. Improves the stretch if reversely capacity of kinit goods. 5. Improves tear strength & reduces abvasion loss. 6. Effects are fast to washing & dry cleaning.	Modified polysiloxane	Non-ionic
	835	POWERSIL-GMS	Powersil-GMS is a newly developed softener composed of amino modified polysiloxane as its principal active compound	1. It has a strong affinity for all fibers since it has a reactive amino functional group in its structure.  2. Treated fabric gives excellent inner softness especially on polyester & P/V fabric.  3.5 Treated fabric imparts very soft, lively smooth handle.	Emulsion of modified amino siloxane	Nonionic
838	836	POWERSIL-MEM	Powersil-MEM is a non-ionic micro-emulsion of a high molecular weight amino	Superior conditioning agent (reduced wet detangling time and fly-away;	Emulsion of modified	Wooldy Cation's
	838	PUWERSIL-MEN	rowersa-Men S at John-Jonic metro-emission of a rigit molecular weight annuo functional dimetry polysiloxane fluid designed specifically for use in clear hair care products	1. Superior conditioning agent; reductor were creatinging time ann 19-away; improved shine; 2. Improves hirr color depth and long-vity from semi-permanent colorant. 3. Enablese clear aqueous based systems. 4. Easy to formulate (cold process manufacturing no need of suspending agent; low viscosity, external phase water)	amino siloxane	Weakly Cationic
839	837	POWERSIL-MSF	Powersil-MSF is highly effective high performance micro emulsion of reactive	Gives excellent soft, smooth handle on all types of fabrics.	Modified polysiloxane	Non-ionic
840	<b>V</b>		rowersin-864 is nightly enecutive night performance micro emusion for sective organ modified positionane, for permanent flish on all types of abric substrates. Powersil-MSF treated fabric exhibit excellent soft & smooth handle on all types of fabric	Lives exceed tolt, smooth name on all types of narks.  2. Improves sewbilly, recase recovery & testile strength of the fabric.  3. Can be applied by pad & exhaust method.  4. Improves the stretch & recovery capacity of knit goods.  5. Improves tear strength & reduces abrasion loss.  6. Effects are fast to washing & dry cleaning	, por y and Addite	
Ť	838	PROFINISH-TS-GT	Profinish-TS-GT is a fine dispersion of high density aliphatic polyolefin (Hard	Designed for application by padding & exhaust methods in short liquor jets.		Weakly cationic / non-ionic
			polyethylene wax). It is a handle modifier and sewability improver for textile goods of all types. Napping softener	2. It maintains gloss. 3. It reduces coefficient of friction & enhances rub & scratch resistance. 4. It distinctly improves the sewbility of woven and knitted fabrics & minimizes seam glupping. 5. It produces a very soft, smooth handle & facilitates making up operations. 6. It does not affect the whiteness of brightened goods. 7. It improves the tear strength & abrasion resistance of resin finished goods and the effect on rated goods. 8. It easies needle penetration considerably when needling non-woven and felsts. 9. It is low-foaming therefore suitable for application in jets.	amino siloxane	

ш						
	A 839	PROLUBE-6818	C Prolube 6818 emulsions imparts smooth, delicate handle on fabric. Emulsions	D  1. Gives excellent soft, smooth & elastic handle on all types of cellulosic	E Modified polysiloxane	F Cationic
			have good stability	woven & knit fabrics 2. Can be applied by pad and exhaust	,	
				3. Premium softness & silky luxuries handle on cotton woven & knitted		
				fabrics.  4. Its fine particles size of emulsion ensures faster & uniform penetration into		
				the fabric, making it less a surface treatment & more an internal softener.		
842						
	840	PROLUBE-6819	Prolube-6819 is suitable as an active substance in softener formulations for the impregnation of fibers and textiles. It imparts a very soft, smooth, and elastic	It improves the wash-and-wear properties and the crease recovery angle, sewability and tear strength and reduces abrasion loss. The effects are fast to	Reactive amino polysiloxane fluid	Nonionic
			handle to woven and knitted fabrics. Its an engineered functional fluid allowing	washing and dry cleaning.	porysnoxane nuiu	
			stable macro emulsions.	As part of formulations used as fill fiber finish Prolube-6819 imparts excellent slickness and resilience to the fiber.		
843				<ol><li>Suitable for all types of fabric substrates.</li></ol>		
	841	PROLUBE-AM-301	Prolube-AM-301 is suitable as active substance in softener formulations for the impregnation of fibers and textiles. It imparts a very soft, drapable and smooth	It is particularly suitable as active substance in softener formulations for the impregnation of fibres and textiles.	Modified reactive amino functional	Weakly cationic
			handle to woven and knitted fabrics.	2. It is considered to be the most excellent softening agent for cotton fabrics	polydimethylsiloxane fluid	
				and knitwear made of cotton or cotton/PES blends.  3. It improves the wash-and-wear properties and the crease recovery angle,		
				sewability and tear strength and reduces abrasion loss. The effects are fast to washing and dry cleaning.		
				<ol> <li>It has little effect on the degree of white in a softener formulation when usual application conditions are adhered to. As a rule, no adverse effect on</li> </ol>		
				the shade or colour properties of coloured textiles is observed.  5. As part of formulations used as fill fibre finish, it excellent slickness and		
				resilience in the fibre.		
844	0.00				2 10 1	
	842	PROLUBE-AM-3	Prolube-AM-3 is suitable as active substance in softener formulations for the impregnation of fibers and textiles. It imparts a very soft, drapable and smooth	<ol> <li>It is particularly suitable as active substance in softener formulations for the impregnation of fibres and textiles.</li> </ol>	Organo modified polysiloxane	Nonionic
			handle to woven and knitted fabrics.	It is considered to be the most excellent softening agent for cotton fabrics and knitwear made of cotton or cotton/PES blends.		
				3. It improves the wash-and-wear properties and the crease recovery angle, sewability and tear strength and reduces abrasion loss. The effects are fast to		
				washing and dry cleaning.		
				It has little effect on the degree of white in a softener formulation when usual application conditions are adhered to. As a rule, no adverse effect on		
		the shade 5. It impa		the shade or colour properties of coloured textiles is observed.  5. It imparts excellent slickness and resilience in the fibre.		
845						
ı	843	PROLUBE-AM-6	Prolube-AM-6 is suitable as active substance in softener formulations for the impregnation of fibers and textiles. It imparts a very soft, drapable and smooth	It is particularly suitable as active substance in softener formulations for the impregnation of fibres and textiles.	Modified amino functional polydimethylsiloxane fluid	Nonionic
			handle to woven and knitted fabrics.	It is considered to be the most excellent softening agent for cotton fabrics and knitwear made of cotton or cotton/PES blends.		
				3. It improves the wash-and-wear properties and the crease recovery angle,		
-				sewability and tear strength and reduces abrasion loss. The effects are fast to washing and dry cleaning.		
ا ا				4 As part of formulations used as fill fibre finish, it excellent slickness and resilience in the fibre.		
846	844	PROLUBE-AM-7	It is an aminoethylamino propylfunctional polydimethylsiloxane for the	It is particularly suitable as active substance in softener formulations for	Organo modified	Nonionic
- 1			application in all types of textile as textile finishing agent.	the impregnation of fibres and textiles.  2. It is considered to be the most excellent softening agent for cotton fabrics	polysiloxane	
-				It improves the wash-and-wear properties and the crease recovery angle,      It improves the wash-and-wear properties and the crease recovery angle,		
				sewability and tear strength and reduces abrasion loss. The effects are fast to		
				washing and dry cleaning.  4. It has little effect on the degree of white in a softener formulation when		
				usual application conditions are adhered to. As a rule, no adverse effect on the shade or colour properties of coloured textiles is observed.		
				It imparts excellent slickness and resilience in the fibre.      Ultralow yellowing		
847				out allow yellowing		
047	845	PROLUBE-AM-8	It is an aminoethylamino propylfunctional polydimethylsiloxane for the	It is easily emulsifiable to a stable microemulsion by simple		Nonionic
			application in all types of textile as textile finishing agent.	stirring 2. imparts a very soft, drapable, and elastic handle to woven and knitted fabrics	polydimethylsiloxane fluid	
				It improves the wash-and-wear properties     4. has     little effecton the degree of white in a softener formulation when usual		
				application conditions are adhered to. As a rule no adverse effect on the shade or colour fastness		
				properties of coloured goods is observed.		
848	846	PROLUBE-AM-15	It is an aminoethylamino propylfunctional polydimethylsiloxane for the	properties of coloured goods is observed.  1. It is particularly suitable as active substance in softener formulations for	Organo modified	Nonionic
848	846	PROLUBE-AM-15	It is an aminoethylamino propylfunctional polydimethylsiloxane for the application in all types of textile as textile finishing agent.	properties of coloured goods is observed.  1. It is particularly suitable as active substance in softener formulations for the impregnation of fibres and textiles. 2. It is considered to be the most excellent softening agent for cotton fabrics	Organo modified polysiloxane	Nonionic
848	846	PROLUBE-AM-15	It is an aminoethylamino propylfunctional polydimethylsiloxane for the application in all types of textile as textile finishing agent.	properties of coloured goods is observed.  1. It is particularly suitable as active substance in softener formulations for the impregnation of fibre and textiles.  2. It is considered to be the most excellent softening agent for cotton fabrics and knitwear made of cotton or cotton/PES blends.  3. It improves the wesh-and-wear properties and the crease recovery angle,		Nonionic
848	846	PROLUBE-AM-15	It is an aminoethylamino propylfunctional polydimethylsilozane for the application in all types of textile as textile finishing agent.	properties of coloured goods is observed.  1. It is particularly suitable as active substance in softener formulations for the impregnation of fibre and textiles. 2. It is considered to be the most excellent softening agent for cotton fabrics. 3. It is more than the considered to be the most excellent softening agent for cotton fabrics. 3. It improves the weak-and-wear properties and the crease recovery angle, sewability and test strength and reduces abrasion loss. The effects are fast to washing and dry cleaning.		Nonionic
848	846	PROLUBE-AM-15	It is an aminoethylamino propylfunctional polydimethylsiloxane for the application in all types of textile as textile finishing agent.	properties of coloured goods is observed.  1. It is particularly suitable as active substance in softener formulations for the impregnation of fibres and textiles.  2. It is considered to be the most excellent softening agent for cotton fabrics and intitivear made of cotton or cotton/FSS blends.  3. It improves the wash- and-wear properties and the crease recovery angle, sexuality and text strength and reduces abrassion loss. The effects are fast to washing and dry cleaning.  4. It has little effect on the degree of white in a softener formulation when		Nonionic
848	846	PROLUBE-AM-15	It is an aminoethylamino propylfunctional polydimethylsiloxane for the application in all types of textile as textile finishing agent.	properties of coloured goods is observed.  1. It is particularly suitable as active substance in softener formulations for the impregnation of fibres and textiles.  2. It is considered to be the most excellent softening agent for cotton fabrics and intrivear and eof cotton or cotton/PES blends.  3. It improves the wash-and-wear properties and the crease recovery angle, sexubility and test strength and reduces abrasion loss. The effects are fast to washing and dry cleaning.  4. It has little effect on the degree of white in a softener formulation when usual application conditions are adhered to. As a rule, no adverse effect on the shade or coloured textiles is observed.		Nonionic
848	846	PROLUBE-AM-15	It is an aminoethylamino propylfunctional polydimethylsiloxane for the application in all types of textile as textile finishing agent.	properties of coloured goods is observed.  1. It is particularly suitable as active substance in softener formulations for the impregnation of fibres and textles.  2. It is considered to be the most excellent softening agent for cotton fabrics and intruser ander of cotton or cotton/PES blends.  and intruser ander of cotton or cotton/PES blends.  sevability and text strength and reduces abrasion loss. The effects are fisst to washing and dry Centing.  4. It has little effect on the degree of white in a softener formulation when usual application conditions are adhered to. As a rule, no adverse effect on		Nonionic
849			application in all types of textile as textile finishing agent.	properties of coloured goods is observed.  1. It is particularly suitable as active substance in softener formulations for the inpregnation of fibre and textile.  It is particularly suitable as active substance in softener formulations for the inpregnation of the substance in t	polysiloxane	
849		PROLUBE-AM-15 SUPERSIL-SOFT-PG-LV	application in all types of textile as textile finishing agent.  Supersil-SOFT-PG-LV is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which	properties of coloured goods is observed.  1. It is particularly suitable as active substance in softener formulations for the impregnation of fibre and textile.  It is particularly suitable as active substance in softener formulations for the impregnation of the substance in t	polysiloxane	Nonionic  Weakly cationic / non-ionic
849			application in all types of textile as textile finishing agent.  Supersil-SOFT-PG-LV is micro emulsion concentrate of specially engineered	properties of coloured goods is observed.  1. It is particularly suitable as active substance in softener formulations for the impregnation of fibre and textiles.  2. It is considered to be the most excellent softening agent for cotton fabrics.  2. It is considered to be the most excellent softening agent for cotton fabrics.  2. It is considered to be the most excellent softening agent for cotton fabrics.  3. It improves the weah-and-wear properties and the crease recovery angle, sewability and tear strength and reduces abrasion loss. The effects are fast to washing and dry cleaning.  4. It has little effect on the degree of white in a softener formulation when usual application conditions are adhered to. As a rule, no adverse effect on the shade or colour properties of coloured textiles is observed.  5. It imparts excellent stickness and resilience in the fibre.  6. Ultralow yellowing  1. Its fine particles size ensures faster & uniform penetration into the fabric, making it less as arriage retrainent & more an internal softener.  2. Its high concentration makes it extremely economical in usage & easy to handle.	polysiloxane  Emulsion of functional	
849 850	847	SUPERSIL-SOFT-PG-LV	application in all types of textile as textile finishing agent.  Supersil SOFT-PG-LV is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium gignent print softener which imparts out softenode is non tacky handle. It imparts are exprendibly soft full & lexurious handle along with improved resilience & fabric physicals.	properties of coloured goods is observed.  1. It is particularly suitable as active substance in softener formulations for the impregnation of fibres and textles.  2. It is considered to be the most excellent softening agent for cotton fabrics and knitwear made of cotton or cotton/PfS blends.  2. It is considered to be the most excellent softening agent for cotton fabrics and knitwear made of cotton or cotton/PfS blends.  3. It is made or considered to the control of	polysiloxane  Emulsion of functional polysiloxane	Weakly cationic / non-ionic
849 850	847		application in all types of textile as textile finishing agent.  Supersil-SOPT-PG-LV is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium giment print softener which imparts and sensor his not natchy hand it imparts and expositionally soft full is	properties of coloured goods is observed.  1. It is particularly suitable as active substance in softener formulations for the impregnation of fibres and textiles.  2. It is considered to be the most excellent softening agent for cotton fabrics and knitweer made of cotton or cotton/PfS blends.  2. It is considered to be the most excellent softening agent for cotton fabrics and knitweer made of cotton or cotton/PfS blends.  3. It is made or considered to the control of the control of the softener formulation when usual application conditions are adhered to As a rule, no adverse effect on the shade or colour properties of coloured textiles is observed.  5. It imparts excellent slickness and resilience in the fibre.  6. Ultralow yellowing  1. Its fine particles size ensures faster & uniform penetration into the fabric, making it less as surface restancted some rain internal softener.  2. Its high concentration makes it extremely economical in usage & easy to handle.  3. Low cyclics i.e. 04/D5/D6 less than 1000 ppm	polysiloxane  Emulsion of functional polysiloxane	
849	847	SUPERSIL-SOFT-PG-LV	application in all types of textile as textile finishing agent.  Supersil-SOFT-PG-LV is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle. It imparts an exceptionally soft full & leauntions handle along with improved resilience & fairle-plysicals.  Supersil-SSP is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle. It imparts are exceptionally soft full & leauncies of smooth & non tacky handle. It imparts are exceptionally soft full & leauncies of smooth & non tacky handle. It imparts are exceptionally soft full & leauncies of smooth & non tacky handle. It imparts are exceptionally soft full & leauncies.	properties of coloured goods is observed.  1. It is particularly suitable as active substance in softener formulations for the inpregnation of fibre and textile.  It is particularly suitable as active substance in softener formulations for the inpregnation of the same textile.  It is the inpregnation of the same textiles and textiles are fast to washing and dry cleaning.  4. It has little effect on the degree of white in a softener formulation when usual application conditions are adhered to. As a rule, no adverse effect on the shade or colour properties of coloured textiles is observed.  5. It imparts excellent stickness and resilience in the fibre.  6. Utradiov yellowing  1. Its fine particles size ensures faster & uniform penetration into the fabric, making it less a surface treatment & more an internal softener.  2. Its high concentration makes it extremely economical in usage & easy to handle.  3. Low cyclics its D4/D5/D6 less than 1000 ppm  1. Its fine particles size ensures faster & uniform penetration into the fabric, making it less a surface treatment & more an internal softener.  2. Its high concentration makes it extremely economical in usage & easy to handle.	polysiloxane  Emulsion of functional polysiloxane	Weakly cationic / non-ionic
849 850	847	SUPERSIL-SOFT-PG-LV	application in all types of textile as textile finishing agent.  Supersil-SOFT-PG-LV is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts on strongs he not natch plantal. It imparts an experionally soft full & hazurious handle along with improved resilience & fabric physicals.  Supersil-SSP is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment prints orderer which imparts	properties of coloured goods is observed.  1. It is particularly suitable as active substance in softener formulations for the impregnation of fibre and textiles.  It is particularly suitable as active substance in softener formulations for the impregnation of fibre and textiles.  It is desirable to the substance of control of the substance in softener for cotton fabrics and faintwear made of control or cotton (PES blends.)  2. It improves the weah-and-wear properties and the crease recovery angle, sewability and teas strength and reduces abrasion loss. The effects are fast to washing and dry cleaning.  4. It has little effect on the degree of white in a softener formulation when usual application conditions are adhered to. As a rule, no adverse effect on the shade or colour properties of coloured textiles is observed.  5. It imparts excellent stickness and resilience in the fibre.  6. Ultration veilcolours of the standard of the substance in the fibre.  7. Its high concentration makes it extremely economical in usage & easy to handle.  8. Low cyclics i.e. D4/D5/D6 less than 1000 ppm  1. Boffing particles size ensures faster & uniform penetration into the fabric, making it less as surface treatment & more an internal softener.  1. Its fine particles size ensures faster & uniform penetration into the fabric, making it less as surface treatment & more an internal softener.  1. Boffing particles size ensures faster & uniform penetration into the fabric, making it less as surface treatment & more an internal softener.  1. Boffing particles size ensures faster & uniform penetration into the fabric, making the less as surface treatment & more an internal softener.  1. Povodes Rechability by allowing appropriate dilution based on following and the properties and the properties and the softener.	polysiloxane  Emulsion of functional polysiloxane	Weakly cationic / non-ionic
849 850	847	SUPERSIL-SOFT-PG-LV	application in all types of textile as textile finishing agent.  Supersil-SOFT-PG-LV is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle. It imparts an exceptionally soft full & leauntions handle along with improved resilience & fairle-plysicals.  Supersil-SSP is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle. It imparts are exceptionally soft full & leauncies of smooth & non tacky handle. It imparts are exceptionally soft full & leauncies of smooth & non tacky handle. It imparts are exceptionally soft full & leauncies of smooth & non tacky handle. It imparts are exceptionally soft full & leauncies.	properties of coloured goods is observed.  1. It is particularly suitable as active substance in softener formulations for the impregnation of fibre and textile.  2. It is considered to be the most exceld.  2. It is considered to be the most exceld.  2. It is considered to be the most exceld.  2. It is considered to be the most exceld.  3. It improves the wash-and-wear properties and the crease recovery angle, sewability and teas strength and reduces abrasion loss. The effects are fast to washing and dry cleaning.  4. It has little effect on the degree of white in a softener formulation when usual application conditions are adhered to As a rule, no adverse effect on the shade or colour properties of coloured textiles is observed.  5. It imparts excellent stickness and resilience in the fibre.  (Utralow yellowing)  1. Its fine particles size ensures faster & uniform penetration into the fabric, making it less as unface treatment & more an internal softener.  2. Its high concentration makes it extremely economical in usage & easy to handle.  3. Low cyclics i.e. D4/D5/D6 less than 1000 ppm  1. Its fine particles size ensures faster & uniform penetration into the fabric, making it less as surface treatment & uniform penetration into the fabric making it less as surface treatment & uniform penetration into the fabric making it less as surface treatment & uniform penetration into the fabric making it less as surface treatment & uniform penetration into the fabric making it less as surface treatment & uniform penetration into the fabric making it less as surface treatment & uniform penetration into the fabric making it less as surface treatment & uniform penetration into the fabric making it less as surface treatment & more an internal softener.  2. Its high concentration makes it extremely economical in usage & easy to handle and the surface and the penetration into the fabric makes it extremely economical in the surface and the penetration into the fabric makes it extremely economical in the penetration of the penet	polysiloxane  Emulsion of functional polysiloxane	Weakly cationic / non-ionic
849	847	SUPERSIL-SOFT-PG-LV	application in all types of textile as textile finishing agent.  Supersil-SOFT-PG-LV is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle. It imparts an exceptionally soft full & leauntions handle along with improved resilience & fairle-plysicals.  Supersil-SSP is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle. It imparts are exceptionally soft full & leauncies of smooth & non tacky handle. It imparts are exceptionally soft full & leauncies of smooth & non tacky handle. It imparts are exceptionally soft full & leauncies of smooth & non tacky handle. It imparts are exceptionally soft full & leauncies.	properties of coloured goods is observed.  It is particularly suitable as exite a substance in oftener formulations for the impregnation of fibre and iteatiles.  It is particularly suitable as exite a substance in oftener formulations for the impregnation of fibre and iteatiles.  It is considered to be the most excellent softening agent for cotton fabrics and knitwear made of cotton or cotton/PES blends.  S. It improves the swah-and-wear properties and the crease recovery angle, sevability and teast strength and reduces abrasion loss. The effects are fast to washing and day cleaning.  Let of the standard control of the swah of the same of the control of the swah of the swah of the same of the same of the swah of the same of the same of the swah of the same of the same of the same of the swah of the same of the	polysiloxane  Emulsion of functional polysiloxane	Weakly cationic / non-ionic
849	847	SUPERSIL-SOFT-PG-LV	application in all types of textile as textile finishing agent.  Supersil-SOFT-PG-LV is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle. It imparts an exceptionally soft full & leauntions handle along with improved resilience & fairle-plysicals.  Supersil-SSP is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle. It imparts are exceptionally soft full & leauncies of smooth & non tacky handle. It imparts are exceptionally soft full & leauncies of smooth & non tacky handle. It imparts are exceptionally soft full & leauncies of smooth & non tacky handle. It imparts are exceptionally soft full & leauncies.	properties of coloured goods is observed.  It is particularly satisfied as exite we substance in oftener formulations for the impregnation of three and iterative.  It is particularly satisfied as exite and iterative.  It is considered to be the most excellent softening agent for cotton fabrics and bintwear made of cotton or cotton/PES blends.  S. It improves the weah-and-wear properties and the crease recovery angle, sexuability and tear strength and reduces abrasion loss. The effects are fast to vashing and dry cleaning.  4. It has little effect on the degree of the satisfier formulation when the shade or coloured restricts is observed.  5. It imparts excellent slickness and resilience in the filter.  6. Ultitradow yellowing.  1. Its fine particles size ensures faster & uniform penetration into the fabric, making it less a surface treatment & more an internal softener.  2. Its high concentration makes it extremely economical in usage & easy to handle.  3. Low cyclics i.e. D4/D5/D6 less than 1000 ppm  1. Its fine particle size ensures faster & uniform penetration into the fabric, making it particle size ensures faster & uniform penetration into the fabric handle.  3. Provides flexibility by allowing appropriate dilution based on following parameters: a) Pskirt to luquer rate, by Desired finish and c) Cost.  4. The running properties of the print pastes are improved.  5. Recellent softeners on pignener printed fabric & improves rub fastness of printed fabric.  6. Premium snoothness & non-tacky handle on printed fabrics.  7. Improvement in fabric physicals: sear strength, Arsona resistance, cut	polysiloxane  Emulsion of functional polysiloxane	Weakly cationic / non-ionic
849	847	SUPERSIL-SOFT-PG-LV	application in all types of textile as textile finishing agent.  Supersil-SOFT-PG-LV is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle. It imparts an exceptionally soft full & leauntions handle along with improved resilience & fairle-plysicals.  Supersil-SSP is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle. It imparts are exceptionally soft full & leauncies of smooth & non tacky handle. It imparts are exceptionally soft full & leauncies of smooth & non tacky handle. It imparts are exceptionally soft full & leauncies of smooth & non tacky handle. It imparts are exceptionally soft full & leauncies.	properties of coloured goods is observed.  1. It is particularly suitable as active substance in softener formulations for the inpregnation of fibre and textile.  It is particularly suitable as active substance in softener formulations for the inpregnation of fibre and textile.  It is provided to the substance of the substance in softeners and the recovery angle, sewability and text strength and reduces abrasion loss. The effects are fast to washing and dry cleaning.  4. It has little effect on the degree of white in a softener formulation when usual application conditions are adhered to. As a rule, no adverse effect on the shade or colour properties of coloured textile is observed.  5. It improve the self-est side. In the substance in the fibre.  6. Ultradov yellowing  1. Its fine particles size ensures faster & uniform penetration into the fabric, making it less a surface treatment & more an internal softener.  2. Its high concentration makes it extremely economical in usage & easy to handle.  3. Low cyclist. Is Afford be stan 1000 ppm  1. Its fine particles size ensures faster & uniform penetration into the fabric, making it less a surface treatment & more an internal softener.  2. Its high concentration makes it extremely economical in usage & continued in the surface of the surface are improved to the surface of th	polysiloxane  Emulsion of functional polysiloxane	Weakly cationic / non-ionic
849 850	847	SUPERSIL-SOFT-PG-LV	application in all types of textile as textile finishing agent.  Supersil-SOFT-PG-LV is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle. It imparts an exceptionally soft full & leauntions handle along with improved resilience & fairle-plysicals.  Supersil-SSP is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle. It imparts are exceptionally soft full & leauncies of smooth & non tacky handle. It imparts are exceptionally soft full & leauncies of smooth & non tacky handle. It imparts are exceptionally soft full & leauncies of smooth & non tacky handle. It imparts are exceptionally soft full & leauncies.	properties of coloured goods is observed.  It is particularly satisfied as exite we substance in oftener formulations for the impregnation of three and iterative.  It is particularly satisfied as exite and iterative.  It is considered to be the most excellent softening agent for cotton fabrics and bintwear made of cotton or cotton/PES blends.  S. It improves the weah-and-wear properties and the crease recovery angle, sexuability and tear strength and reduces abrasion loss. The effects are fast to vashing and dry cleaning.  4. It has little effect on the degree of the satisfier formulation when the shade or coloured restricts is observed.  5. It imparts excellent slickness and resilience in the filter.  6. Ultitradow yellowing.  1. Its fine particles size ensures faster & uniform penetration into the fabric, making it less a surface treatment & more an internal softener.  2. Its high concentration makes it extremely economical in usage & easy to handle.  3. Low cyclics i.e. D4/D5/D6 less than 1000 ppm  1. Its fine particle size ensures faster & uniform penetration into the fabric, making it particle size ensures faster & uniform penetration into the fabric handle.  3. Provides flexibility by allowing appropriate dilution based on following parameters: a) Pskirt to luquer rate, by Desired finish and c) Cost.  4. The running properties of the print pastes are improved.  5. Recellent softeners on pignener printed fabric & improves rub fastness of printed fabric.  6. Premium snoothness & non-tacky handle on printed fabrics.  7. Improvement in fabric physicals: sear strength, Arsona resistance, cut	polysiloxane  Emulsion of functional polysiloxane	Weakly cationic / non-ionic
849 850	847	SUPERSIL-SOFT-PG-LV	application in all types of textile as textile finishing agent.  Supersil-SOFT-PG-LV is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle I imparts and explorationally soft full & luxurious handle along with improved resilience & fabric physicals.  Supersil-SSP is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle. It imparts an exceptionally soft full & luxurious handle along with improved resilience & fabric physicals.  Sviast-HCN is a modified siloxane Nano-disoersion. It is durable and free from	properties of coloured goods is observed.  It is particularly suitable as exite a substance in oftener formulations for the impregnation of fibre and iteatiles.  It is particularly suitable as exite a substance in oftener formulations for the impregnation of fibre and iteatiles.  It is considered to be the most excellent softening agent for cotton fabrics and knitwear made of cotton or cotton/PES blends.  S. It improves the swah-and-wear properties and the crease recovery angle, sexuability and teas strength and reduces abrasion loss. The effects are fast to washing and day cleaning.  4. It has little effect on the degree of the substance of the strength of the	Emulsion of functional polysiloxane  Functional polysiloxane  Modified siloxane Nano-	Weakly cationic / non-ionic
849 850 851	847	SUPERSIL-SOPT-PG-LV SUPERSIL-SSP	application in all types of textile as textile finishing agent.  Supersil-SOFT-PG-LV is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium gigment print softener which imparts soft smooth & not nachy hadde It imparts an expensionally soft full & luxurious handle along with improved resilience & fachric physicals.  Supersil-SSP is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium gipment print softener which imparts soft smooth & non tacky handle. It imparts an exceptionally soft full & luxurious handle along with improved resilience & fabric physicals.  Sylast-HCN is a modified siloxane Namo-dispersion. It is durable and free from fluorocarbon (POA & PPOS) and flammable liquids. It is used for imparting a durable water, all a stata repelled respective minimizing aqueous solling of durable water, all a stata repelled respective minimizing aqueous solling of durable water.	properties of coloured goods is observed.  It is particularly satisfies as extree substance in oftener formulations for the impregnation of three and iteration.  It is particularly satisfies as the substance in oftener formulations for the impregnation of three and iteration.  It is considered to be the most excellent softening agent for cotton fabrics and intrivear made of cotton or cotton/PES blends.  S. It improves the weah-and-wear properties and the crease recovery angle, sexuability and teast strength and reduces a brasion loss. The effects are fast to vashing and dry cleaning.  4. It has little effect on the degree of the substance of the control of the substance of the	Emulsion of functional polysiloxane  Functional polysiloxane	Weakly cationic / non-ionic  Cationic / Non-ionic
849 850 851	847	SUPERSIL-SOPT-PG-LV SUPERSIL-SSP	application in all types of textile as textile finishing agent.  Supersil-SOFT-PC-LV is micro emulsion concentrate of specially engineered organo functional polysilozone. It is a premium gipment print softener which imparts soft smooth & non tackly handle. It imparts an expendibully soft full & laxurious handle along with improved resilience & fabric physicals.  Supersil-SSP is micro emulsion concentrate of specially engineered organo functional polysilozone. It is a premium pigment print softener which imparts soft smooth & non tackly handle. It imparts an exceptionally soft full & luxurious handle along with improved resilience & fabric physicals.  Sylast-HC N is a modified silozone Nano-dispersion. It is durable and free from thorocarbon (PFOA & PFOS) and fhammable liquids. It is used for imparting a	properties of coloured goods is observed.  It is particularly autitable as active substance in softener formulations for the interpreparation of three and iteration.  It is particularly autitable as active substance in softener formulations for the interpretation of three and iteration.  It is crossidered to be the more accelerate softening agent for cotton fabrics and knitwear made of cotton or cotton/PES blends.  S. It improves the weah-and-wear properties and the crease recovery angle, sewability and teas strength and reduces abrasion loss. The effects are fast to washing and dry cleaning.  4. It has little effect on the degree of white in a softener formulation when usual application conditions are adhered to. As a rule, no adverse effect on unal application conditions are adhered to. As a rule, no adverse effect on unal application conditions are adhered to. As a rule, no adverse effect on the degree of white the substance of the conditions and the substance of the conditions are adhered to. As a rule, no adverse effect on the degree of the substance of the conditions are administered to the substance of t	Emulsion of functional polysiloxane  Functional polysiloxane  Modified siloxane Nano-	Weakly cationic / non-ionic  Cationic / Non-ionic
849 850 851	847	SUPERSIL-SOPT-PG-LV SUPERSIL-SSP SYLAST-HC-N	application in all types of textile as textile finishing agent.  Supersil-SOPT-PC-LV is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium giment print softener which imparts as dismost he not tacky handle it imparts an expensionally soft full & laxurious handle along with improved resilience & fabric physicals.  Supersil-SSP is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts assential polysiloxane. It is a premium pigment print softener which imparts assential polysiloxane. It is a premium pigment print softener which imparts assential polysiloxane. It is a premium pigment print softener which imparts along the proposal polysiloxane. It is a premium pigment print softener which imparts along the proposal polysiloxane. It is a premium pigment print softener which imparts along the proposal polysiloxane. It is a premium pigment print softener which imparts along the proposal polysiloxane. It is a premium pigment print softener which imparts along the proposal polysiloxane. It is a premium pigment print softener which imparts along the proposal polysiloxane. It is a premium pigment print softener which imparts along the print softener which imparts alon	In the impregnation of fibre and textiles and instinct and instinct and an interest an interest an interest and an interest and an interest an interest and	Emulsion of functional polysiloxane  Functional polysiloxane  Functional polysiloxane  Modified siloxane Nano-dispersion	Weakly cationic / non-ionic  Cationic / Non-ionic  Non ionic
849 850 851	847	SUPERSIL-SOPT-PG-LV SUPERSIL-SSP	application in all types of textile as textile finishing agent.  Supersil-SOFT-PC-LV is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle. It imparts an exceptionally soft full & haxurious handle along with improved resilience & fabric physicals.  Supersil-SSP is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle. It imparts an exceptionally soft full & luxurious handle along with improved resilience & fabric physicals.  Sylast-HCN is a modified siloxane Nano-dispersion. It is durable and free from fluorocarbon (PFOA & PFOS) and flammable liquids. It is used for imparting a durable water, soft & stata repetiler properties minimizing aqueous solling of porous or non-porous, absorbent or non-absorbent substrates.  Sylast-RUD is non-ionic concentrated micro emulsion of an organo modified	properties of coloured goods is observed.  It is particularly autitable as active substance in softener formulations for the interpreparation of three and iteration.  It is particularly autitable as active substance in softener formulations for the interpretation of three and iteration.  It is crossidered to be the more accelerate softening agent for cotton fabrics and knitwear made of cotton or cotton/PES blends.  S. It improves the weah-and-wear properties and the crease recovery angle, sewability and teas strength and reduces abrasion loss. The effects are fast to washing and dry cleaning.  4. It has little effect on the degree of white in a softener formulation when usual application conditions are adhered to. As a rule, no adverse effect on unal application conditions are adhered to. As a rule, no adverse effect on unal application conditions are adhered to. As a rule, no adverse effect on the degree of white the substance of the conditions and the substance of the conditions are adhered to. As a rule, no adverse effect on the degree of the substance of the conditions are administered to the substance of t	Emulsion of functional polysiloxane  Functional polysiloxane  Functional polysiloxane  Modified siloxane Nano-dispersion	Weakly cationic / non-ionic  Cationic / Non-ionic
849 850 851	847	SUPERSIL-SOPT-PG-LV SUPERSIL-SSP SYLAST-HC-N	application in all types of textile as textile finishing agent.  Supersil-SOFT-PG-LV is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium gingent print softener which imparts soft smooth & not nachy handle It imparts and explorationally soft full & huxurious handle along with improved resilience & fabric physicals.  Supersil-SSD is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium gipment print softener which imparts soft smooth & non tacky handle. It imparts an exceptionally soft full & luxurious handle along with improved resilience & fabric physicals.  Sylast-HCN is a modified siloxane Nano-dispersion. It is durable and free from fluorocarbon (PFOA & PFOS) and flammable liquids. It is used for imparting a durable water, soft & stata repellent properties minimizing aqueous solling of porous or non-porous, absorbent or non-absorbent substrates.  Sylast-HUD is non-ionic concentrated micro emulsion of an organo modified poly siloxane. It imparts extremely soft, siley, smooth handle on all types of fathier. Particle size of Just-RUD is non-ionic concentrated micro emulsion of an organo modified poly siloxane. It imparts extremely soft, siley, smooth handle on all types of fathier. Particle size of Just-RUD is non-ionic concentrated micro emulsion of an organo modified poly siloxane. It imparts extremely soft, siley, smooth handle on all types of fathier. Particle size of Just-RUD is non-ionic concentrated micro emulsion of an organo modified poly siloxane. It imparts extremely soft, siley, smooth handle on all types of fathier. Particle size of Just-RUD is non-ionic concentrated micro emulsion of the other properties.	properties of coloured goods is observed.  It is particularly satisfies as extreme substance in oftener formulations for the impregnation of three and iteration.  It is particularly satisfies as the substance in oftener formulations for the impregnation of three and iteration.  It is considered to be the most excellent softening agent for cotton fabrics and intriuvear made of cotton or cotton/PES blends.  S. It improves the weah-and-wear properties and the crease recovery angle, sexuability and teast strength and reduces a brasion loss. The effects are fast to vashing and dry cleaning.  4. It has little effect on the degree of the substance of the control of the substance of th	Emulsion of functional polysiloxane  Functional polysiloxane  Functional polysiloxane  Modified siloxane Nano-dispersion  Modified polysiloxane &	Weakly cationic / non-ionic  Cationic / Non-ionic  Non ionic
849 850 851	847	SUPERSIL-SOPT-PG-LV SUPERSIL-SSP SYLAST-HC-N	application in all types of textile as textile finishing agent.  Supersil-SOFT-PC-LV is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle. It imparts an experionally soft fill & laxurioss handle along with improved resilience & fabric physicals.  Supersil-SSP is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle. It imparts an exceptionally soft full & laxurioss handle along with improved resilience & fabric physicals.  Sylast-HCN is a modified siloxane Nano-dispersion. It is durable and free from fluorocarbon (PFOA & PFOS) and flammable liquids. It is used for imparting a durable water, soil & stain repellent properties minimizing aqueous soiling of provas or non-prous, absorbent or non-absorbant substrates.  Sylast-RUDIs non-ionic concentrated micro emulsion of an organo modified polysiloxane. Humpers extremely soft, silky, smooth handle on all types of	properties of coloured goods is observed.  In its particularly particularly as extre substance in oftener formulations for the interpreparation of three and iteration.  In its particularly particularly as extremely agent for cotton fabrics and britvear made of cotton or cotton/PES blends.  3. It improves the weah-and-wear properties and the crease recovery angle, sewability and teast strength and reduces abrasion loss. The effects are fast to washing and dry cleaning.  4. It has little effect on the degree of white in a softener formulation when usualing and the contract of the contr	Emulsion of functional polysiloxane  Functional polysiloxane  Functional polysiloxane  Modified siloxane Nano-dispersion  Modified polysiloxane &	Weakly cationic / non-ionic  Cationic / Non-ionic  Non ionic
849 850 851	847	SUPERSIL-SOPT-PG-LV SUPERSIL-SSP SYLAST-HC-N	application in all types of textile as textile finishing agent.  Supersil-SOFT-PG-LV is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium gingent print softener which imparts soft smooth & not nachy handle It imparts and explorationally soft full & huxurious handle along with improved resilience & fabric physicals.  Supersil-SSD is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium gipment print softener which imparts soft smooth & non tacky handle. It imparts an exceptionally soft full & luxurious handle along with improved resilience & fabric physicals.  Sylast-HCN is a modified siloxane Nano-dispersion. It is durable and free from fluorocarbon (PFOA & PFOS) and flammable liquids. It is used for imparting a durable water, soft & stata repellent properties minimizing aqueous solling of porous or non-porous, absorbent or non-absorbent substrates.  Sylast-HUD is non-ionic concentrated micro emulsion of an organo modified poly siloxane. It imparts extremely soft, siley, smooth handle on all types of fathier. Particle size of Just-RUD is non-ionic concentrated micro emulsion of an organo modified poly siloxane. It imparts extremely soft, siley, smooth handle on all types of fathier. Particle size of Just-RUD is non-ionic concentrated micro emulsion of an organo modified poly siloxane. It imparts extremely soft, siley, smooth handle on all types of fathier. Particle size of Just-RUD is non-ionic concentrated micro emulsion of an organo modified poly siloxane. It imparts extremely soft, siley, smooth handle on all types of fathier. Particle size of Just-RUD is non-ionic concentrated micro emulsion of the other properties.	In its particularly satisfale as active substance in softener formulations for the impregnation of three and textification in the impregnation of the sand in the impregnation of the sand in the impregnation of the crease recovery angle, sewability and text strength and reduces abrasion loss. The effects are fast to washing and dry cleaning.  4. It has little effect on the degree of white in a softener formulation when usual application conditions are adhered to. As a rule, no adverse effect on usual application conditions are adhered to. As a rule, no adverse effect on the degree of white in a softener formulation when usual application conditions are adhered to. As a rule, no adverse effect on the degree of white in a softener formulation when usual application conditions are adhered to. As a rule, no adverse effect on the degree of the sand application to making a soft of the sand application to making a soft of the sand application to expend the sand application to the sand applic	Emulsion of functional polysiloxane  Functional polysiloxane  Functional polysiloxane  Modified siloxane Nano-dispersion  Modified polysiloxane &	Weakly cationic / non-ionic  Cationic / Non-ionic  Non ionic
849 850 851	847	SUPERSIL-SOPT-PG-LV SUPERSIL-SSP SYLAST-HC-N	application in all types of textile as textile finishing agent.  Supersil-SOFT-PG-LV is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium gingent print softener which imparts soft smooth & not nachy handle It imparts and explorationally soft full & huxurious handle along with improved resilience & fabric physicals.  Supersil-SSD is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium gipment print softener which imparts soft smooth & non tacky handle. It imparts an exceptionally soft full & luxurious handle along with improved resilience & fabric physicals.  Sylast-HCN is a modified siloxane Nano-dispersion. It is durable and free from fluorocarbon (PFOA & PFOS) and flammable liquids. It is used for imparting a durable water, soft & stata repellent properties minimizing aqueous solling of porous or non-porous, absorbent or non-absorbent substrates.  Sylast-HUD is non-ionic concentrated micro emulsion of an organo modified poly siloxane. It imparts extremely soft, siley, smooth handle on all types of fathier. Particle size of Just-RUD is non-ionic concentrated micro emulsion of an organo modified poly siloxane. It imparts extremely soft, siley, smooth handle on all types of fathier. Particle size of Just-RUD is non-ionic concentrated micro emulsion of an organo modified poly siloxane. It imparts extremely soft, siley, smooth handle on all types of fathier. Particle size of Just-RUD is non-ionic concentrated micro emulsion of an organo modified poly siloxane. It imparts extremely soft, siley, smooth handle on all types of fathier. Particle size of Just-RUD is non-ionic concentrated micro emulsion of the other properties.	In the impregnation of fibre and textiles.  It is particularly suitable as active substance in softener formulations for the impregnation of fibre and textiles. In the impregnation of fibre and textiles the impregnation of fibre and textiles. In the impregnation of fibre and textiles and anitwear made of conton or cotton/FES blends.  3. It improves the weah-and-wear properties and the crease recovery angle, sewability and teas strength and reduces abrasion loss. The effects are flat to washing and dry cleaning.  4. It has little effect on the degree of white in a softener formulation when usual application conditions are adhered to. As a rule, no adverse effect on the degree of white in a softener formulation when usual application conditions are adhered to. As a rule, no adverse effect on the degree of white in a softener formulation when usual application conditions are adhered to. As a rule, no adverse effect on the degree of white in a softener formulation when usual application conditions are adhered to. As a rule, no adverse effect on the degree of the control of	Emulsion of functional polysiloxane  Functional polysiloxane  Functional polysiloxane  Modified siloxane Nano-dispersion  Modified polysiloxane &	Weakly cationic / non-ionic  Cationic / Non-ionic  Non ionic
849 850 851	848 848 849	SUPERSIL-SOPT-PG-LV  SUPERSIL-SSP  SYLAST-HC-N  SYLAST-RUD	application in all types of textile as textile finishing agent.  Supersil-SOFT-PG-LV is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle. It imparts are desponally soft full & lexuriose handle along with improved resilience & fabric physicals.  Supersil-SSP is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle. It imparts an exceptionally soft full & luxurious handle along with improved resilience & fabric physicals.  Sylast-HCN is a modified siloxane Nano-dispersion. It is durable and free from fluorocarbon (PFOA & PFOS) and flammable liquids. It is used for imparting a durable value, and is made repelled reporter eminimizing aqueous softing or provision in the provision of a modified provision of the provision of	In this particularly suitable as active substance in softener formulations for the impregnation of fibres and textiles. In the impregnation of fibres and textiles and increase in the impregnation of fibres and textiles. Softening agent for cotton fabrics and knitwear made of cotton or cotton /PES blends.  3. It improves the wesh-and-wear properties and the crease recovery angle, sewability and teas strength and reduces abrasion loss. The effects are fast to washing and dry cleaning.  4. It has little effect on the degree of white in a softener formulation when usual application conditions are adhered to. As a rule, no adverse effect on the shade or colour properties of coloured textile is observed.  5. It imports excellent side. In the strength of the shade or colour properties of coloured textile is observed.  5. It imports excellent side. In the strength of the shade or colour properties of coloured textile is observed.  5. It imports excellent side. In the strength of the shade or colour properties of coloured textile is observed.  5. It imports excellent side. In the strength of the shade or colour properties of coloured textile is observed.  5. It imports excellent side. In the shade of the shade or colour properties of the shade.  6. It is fine particles size ensures faster & uniform penetration into the fabric, making it less a surface treatment & more an internal softener.  7. Its high concentration makes it extremely exconnotical in usage & easy to handle.  8. Towides flexibility by allowing appropriate dilution based on following parameters. a) Pabric to liquor ratio, b) Desired flushs and c) Cost.  8. Towides flexibility by allowing appropriate dilution based on following parameters. a) Pabric to liquor ratio, b) Desired flushs and c) Cost.  8. Excellent softeness on injening ir reatment of antural stone, marble, grante, tiles, ceramics, glass, cement surfaces, mineral building materials in plants.  9. Premium smootes & non-tacly handle on printed fabrics.  9. Tomprovement in fabric physicals, tear s	Emulsion of functional polysiloxane  Functional polysiloxane  Functional polysiloxane  Modified siloxane Nano- dispersion  Modified polysiloxane &  specialty surfactants.	Weakly cationic / non-ionic  Cationic / Non-ionic  Non-ionic
849 850 851 852	847	SUPERSIL-SOPT-PG-LV SUPERSIL-SSP SYLAST-HC-N	supersil-SOFT-PC-LV is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium gineer print softener which imparts soft smooth & not nachy handle It imparts an expensionally soft full & luxurious handle along with improved resilience & fabric physicals.  Supersil-SSP is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium gineer print softener which imparts soft smooth & non tacky handle. It imparts an exceptionally soft full & luxurious handle along with improved resilience & fabric physicals.  Supersil-SSP is micro emulsion concentrate of specially engineered organo inductional polysiloxane. It is a premium gineer print softener which imparts soft smooth & non tacky handle. It imparts an exceptionally soft full & luxurious handle along with improved resilience & fabric physicals.  Splant-ICN is a modified siloxane Nano-dispersion. It is durable and free from funorozorbon (PFDA & PFOS) and flammable liquids. It is used for imparting a durable water, soil & stata repellent properties minimizing aqueous soiling of porous or non-porous, absorbent or non-absorbent substrates.  Splant-RUD is non-ionic concentrated micro remulsion of an organo modified soly siloxane. It imparts extremely yout, allay, amonth handle on all types of father. Particle size of Sylvast RUD is not included to the fiber bundle giving a luxurious soft handle.  Topsoft-EME All is highly effective high performance macro emulsion of	properties of coloured goods is observed.  It is particularly autitable as active substance in softener formulations for the integregation of three and iteration.  It is particularly autitable as active substance in softener formulations for the integregation of three and iteration.  It is cronsidered to be the more accelerate softening agent for cotton fabrics and knitwear made of cotton or cotton/PES blends.  3. It improves the wesh-and-wear properties and the crease recovery angle, sewability and teast strength and reduces abrasion loss. The effects are fast to washing and dry cleaning.  4. It has little effect on the degree of white in a softener formulation when usual application conditions are adhered to. As a rule, no adverse effect on unal application conditions are adhered to. As a rule, no adverse effect on the degree of white in a softener formulation when usual application conditions are adhered to. As a rule, no adverse effect on the degree of the conditions are admitted to the soft of the conditions are admitted to the conditions are admitted to the conditions are admitted to the conditions and and the conditions are admitted to the conditions and admitted to the conditions are admitted to the conditions and admitted to the conditions are admitted to the conditions and admitted to the conditions are admitted to the conditions and admitted to the conditions are admitted to the conditions and admitted to the conditions are propertied to the conditions are admitted to the conditions and admitted to the conditions are propertied to printed fabrics	Emulsion of functional polysiloxane  Functional polysiloxane  Functional polysiloxane  Modified siloxane Nano-dispersion  Modified polysiloxane &	Weakly cationic / non-ionic  Cationic / Non-ionic  Non ionic
849 850 851 853	848 848 849	SUPERSIL-SOPT-PG-LV  SUPERSIL-SSP  SYLAST-HC-N  SYLAST-RUD	supersil-SOPT-PC-LV is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium gineer print softenes which imparts soft smooth & non tacky handle it imparts an expecially engineered organo functional polysiloxane. It is a premium gineer print softenes which imparts soft smooth & not nacky handle it imparts an expecially engineered organo functional polysiloxane. It is a premium gineer print softenes which imparts soft smooth & not nacky handle it imparts an exceptionally soft full & luxurious handle along with improved resilience & fabric physicals.  Spirat-RVD is not nacky handle. It imparts an exceptionally soft full & luxurious handle along with improved resilience & fabric physicals.  Sylast-RICN is a modified siloxane Nano-dispersion. It is durable and free from fluorocarbon (PPOA & PPOS) and flammable liquids. It is used for imparting a porous or non-porous, absorbent or non-absorbent substrates.  Sylast-RICN is non-ionic concentrated micro emulsion of an organo modified polysiloxane. It imparts extremely soft, silby, smooth handle on all types of labric. Particle size of Sylast-RUD is non-ionic concentrated micro emulsion of an organo modified polysiloxane. It imparts extremely soft, silby, smooth handle on all types of labric. Particle size of Sylast-RUD is particularly designed to the degree of fabric softeness. It penetrates deep into the fiber bundle giving a linuarious soft handle.	In the particularly suitable as active substance in softener formulations for the impregnation of fibre and textiles the impregnation of the sand textiles and softeners are supported to the impregnation of the sand textiles and softeners are supported to the impregnation of the sand textiles and softeners are supported to the sand textiles and softeners are supported to the sand textiles and softeners are supported as the softeners and softeners and softeners are supported as the softeners are supported as supported as softeners are supported as softeners. It is supported as softeners are supported as softeners are supported as softeners. It is supported as softeners are supported as softeners are supported as softeners. It is supported as softeners are supported as softeners are suppo	Emulsion of functional polysiloxane  Functional polysiloxane  Functional polysiloxane  Modified siloxane Nano- dispersion  Modified polysiloxane &  specialty surfactants.	Weakly cationic / non-ionic  Cationic / Non-ionic  Non-ionic
849 850 852	848 848 849	SUPERSIL-SOPT-PG-LV  SUPERSIL-SSP  SYLAST-HC-N  SYLAST-RUD	application in all types of textile as textile finishing agent.  Supersil-SOFT-PC-LV is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener-which imparts soft smooth & non tacky handle. It imparts are explorabily soft full & hazurious handle along with improved resilience & fabric physicals.  Supersil-SSP is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle. It imparts an exceptionally soft full & luxurious handle along with improved resilience & fabric physicals.  Sylast-HCN is a modified siloxane Nano-dispersion. It is durable and free from fluorocarbon (PFOA & PFOS) and flammable liquids. It is used for imparting a durable water, soft & statis repellet reporteris minimizing aqueous softing of provision or non-pursous, absorbent or non-absorbent substrates.  Sylast-RUD is non-ionic concentrated micro emulsion of an organo modified poly siloxane. It imparts extremely soft, silby, smooth handle on all types of father. Particle size of Sylast-RUD is reported and provided the polysiloxane. It imparts extremely soft, silby, smooth handle on all types of father. Particle size of Sylast-RUD is particularly designed to the degree of father softness. It penetrates deep into the fiber bundle giving a luxurious soft handle.  Topsoft-EME AN is highly effective high performance macro emulsion of reactive organo modified polysiloxane, for permanent finish on all types of reactive organo modified polysiloxane, for permanent finish on all types of	In the impregnation of fibres and textiles.  It is particularly suitable as active substance in softener formulations for the impregnation of fibres and textiles. In the impregnation of fibres and textiles and incincent and the impregnation of fibres and textiles. In the impregnation of fibres and textiles and incincent an	Emulsion of functional polysiloxane  Functional polysiloxane  Functional polysiloxane  Modified siloxane Nano- dispersion  Modified polysiloxane &  specialty surfactants.	Weakly cationic / non-ionic  Cattonic / Non-ionic  Non-ionic
849 850 852	848 848 849	SUPERSIL-SOPT-PG-LV  SUPERSIL-SSP  SYLAST-HC-N  SYLAST-RUD	supersil-SOPT-PC-LV is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium gineer print softenes which imparts soft smooth & non tacky handle it imparts an expecially engineered organo functional polysiloxane. It is a premium gineer print softenes which imparts soft smooth & not nacky handle it imparts an expecially engineered organo functional polysiloxane. It is a premium gineer print softenes which imparts soft smooth & not nacky handle it imparts an exceptionally soft full & luxurious handle along with improved resilience & fabric physicals.  Spirat-RVD is not nacky handle. It imparts an exceptionally soft full & luxurious handle along with improved resilience & fabric physicals.  Sylast-RICN is a modified siloxane Nano-dispersion. It is durable and free from fluorocarbon (PPOA & PPOS) and flammable liquids. It is used for imparting a porous or non-porous, absorbent or non-absorbent substrates.  Sylast-RICN is non-ionic concentrated micro emulsion of an organo modified polysiloxane. It imparts extremely soft, silby, smooth handle on all types of labric. Particle size of Sylast-RUD is non-ionic concentrated micro emulsion of an organo modified polysiloxane. It imparts extremely soft, silby, smooth handle on all types of labric. Particle size of Sylast-RUD is particularly designed to the degree of fabric softeness. It penetrates deep into the fiber bundle giving a linuarious soft handle.	properties of coloured goods is observed.  It is particularly suitable as extire a substance in oftener formulations for the impregnation of three and iterative.  It is particularly suitable as extire a substance in oftener formulations for the impregnation of three and iterative.  2. It is considered to be the most escellent softening agent for cotton fabrics and intrivear made of cotton or cotton/PES blends.  3. It improves the weah-and-wear properties and the crease recovery angle, sexuability and teast strength and reduces a brasion loss. The effects are fast to vashing and dry cleaning.  4. It has little effect on the degree and hered to As a role, so adverse effect on the degree of the substance of the control of the strength of the s	Emulsion of functional polysiloxane  Functional polysiloxane  Functional polysiloxane  Modified siloxane Nano- dispersion  Modified polysiloxane &  specialty surfactants.	Weakly cationic / non-ionic  Cationic / Non-ionic  Non-ionic
849 850 851 852	848 848 849	SUPERSIL-SOPT-PG-LV  SUPERSIL-SSP  SYLAST-HC-N  SYLAST-RUD	Supersil-SOFT-PG-LV is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium gingent print softener which imparts soft smooth & not tackly hadde. It imparts are expensionally soft full & luxurious handle along with improved resilience of specially engineered organo functional polysiloxane. It is a premium gineer print softener which imparts soft smooth a functional polysiloxane. It is a premium gineer print softener which imparts soft smooth & non tackly handle. It imparts an exceptionally soft full & luxurious handle along with improved resilience & fabric physicals.  Supersil-SSP is micro emulsion concentrate of specially engineered organo inductional polysiloxane. It is a premium gineer print softener which imparts soft smooth & non tackly handle. It imparts an exceptionally soft full & luxurious handle along with improved resilience & fabric physicals.  Splast-HCN is a modified siloxane Nano-dispersion. It is durable and free from fluorocarbon (PGOA & PFOS) and flammable liquids. It is used for imparting a durable water, soft a stata repeller reporteris minimizing aqueous soiling of porous or non-porous, absorbent or non-absorbent substrates.  Splast-HCN is non-louic concentrated micro emulsion of an organo modified polysiloxane. It imparts extremely soft, stilly smooth handle on all types of fabric softness. It penetrates deep into the fiber bundle giving a luxurious soft handle.  Topsoft-EME-M is highly effective high performance macro emulsion of reactive organo modified polysiloxane, for permanent finish on all types of fabric substrates. Topsoft-EME resided fabric exhibit excellent soft & smooth handle on all types of fabric.	properties of coloured goods is observed.  It is particularly antibales as citre authorace in softener formulations for the interpretation of three and iteration.  It is particularly antibales as citre authorace in softener formulations for the interpretation of three and iteration.  It is crossidered to be the most excellent softening agent for cotton fabrics and knitwear made of cotton or cotton/PES blends.  It improves the weah-and-wear properties and the crease recovery angle, sewability and teast strength and reduces abrasion loss. The effects are fast to washing and dry cleaning.  It is the effect on the degree of white in a softener formulation when usual application conditions are softened to. As a rule, no adverse effect on unal application conditions are softened to. As a rule, no adverse effect on unal application conditions are softened to. As a rule, no adverse effect on the degree of white the softener of the softener of the conditions are softener to the softener of the soften	Emulsion of functional polysiloxane  Functional polysiloxane  Modified siloxane Nano-dispersion  Modified polysiloxane & specialty surfactants.	Weakly cationic / non-ionic  Cationic / Non-ionic  Non-ionic  Non-ionic
849 850 851 853	847	SUPERSIL-SOPT-PG-LV  SUPERSIL-SSP  SYLAST-HC-N  SYLAST-RUD  TOPSOFT-EME-M	Supersil-SOFT-PC-LV is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle It imparts an expensionally soft full & luxurious handle along with improved resilience of sphric physicals.  Supersil-SDF is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle. It imparts an exceptionally soft full & luxurious handle along with improved resilience & fabric physicals.  Supersil-SDF is micro emulsion concentrate of specially engineered organo intentional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle. It imparts an exceptionally soft full & luxurious handle along with improved resilience & fabric physicals.  Splast-RUD is a modified siloxane Nam-dispersion. It is durable and free from funorocarbon (PFOA & PFOS) and flammable liquids. It is used for importing a durable water, soil & stata repellem properties minimizing aqueous soiling of porous or non-porous, absorbent or non-absorbent substrates.  Splast-RUD is non-ionic concentrated micro emulsion of an organo modified polysiloxane. It imparts extremely soft, silky, smooth handle on all types of fabric solutrates. Proposif-EME resisted fabric exhibit excellent soft & smooth handle on all types of fabric.  Topooft-EME Alt is highly effective high performance macro emulsion of reactive organo modified polysiloxane, for permanent finish on all types of fabric substrates. Proposif-EME resisted fabric exhibit excellent soft & smooth handle on all types of fabric.	In its particularly suitable as active substance in softener formulations for the impregnation of three and textification in the impregnation of the sun described in the impregnation of the substance in softening agent for cotton fabrics and battwear made of cotton or cotton/PES blends.  3. It improves the weah-and-wear properties and the crease recovery angle, sewability and teast strength and reduces abrasion loss. The effects are fast to weaking and dry cleaning.  4. It has little effect on the degree of white in a softener formulation when usual application conditions are adhered to. As a rule, no adverse effect on usual application conditions are adhered to. As a rule, no adverse effect on usual application conditions are suffered to. As a rule, no adverse effect on Ultralow yellowing.  5. It imparts excellent slickness and resilience in the filbre.  6. Ultralow yellowing.  1. Its fine particles size ensures faster & uniform penetration into the fabric, making it exa surface treatment & more an internal softener.  2. Low cyclic Let. Pol/Sy/Dis lest han 1000 ppm  1. Its fine particles size ensures faster & uniform penetration into the fabric, making it less a surface treatment & more an internal softener.  2. It high concentration makes it extremely economical in usage & easy to handle.  3. Provides flexibility by allowing appropriate dilution based on following parameters. a) Fabric to liquor ratio, by Desired finish and c) Cost.  4. The running properties of the print pastes are improved.  5. Promium amount of the print pastes are improved.  6. Premium amounthness & non-tacky handle on printed fabrics.  7. Improvement in fabric physicals, tear strength, abrasion resistance, cut and sew performance, bending egipting and co-efficiency of frection.  8. Provides flexibility of the print pastes are improved.  9. The main properties of prints.  1. Can be applied by and and exhaust.  1. Give	Emulsion of functional polysiloxane  Functional polysiloxane  Modified siloxane Nano-dispersion  Modified polysiloxane & specialty surfactants.	Weakly cationic / non-ionic  Cationic / Non-ionic  Non-ionic
849 850 851 852	847	SUPERSIL-SOPT-PG-LV  SUPERSIL-SSP  SYLAST-HC-N  SYLAST-RUD  TOPSOFT-EME-M	Supersil-SOFT-PC-LV is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener-which imparts soft smooth & non tacky handle. It imparts are explorabily soft full & hazurious handle along with improved resilience & fabric physicals.  Supersil-SSP is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle. It imparts an exceptionally soft full & hazurious handle along with improved resilience & fabric physicals.  Sylast-HCN is a modified siloxane Nano-dispersion. It is durable and free from fluorocarbon (PFOA & PFOS) and flammable liquids. It is used for imparting a durable water, soft & state repeller reporteris minimizing aqueous softing of protess or non-pursous, absorbent or non-absorbent stubstrates.  Sylast-RUD is non-ionic concentrated micro emulsion of an organo modified poly siloxane. It imparts extremely soft, silby, smooth handle on all types of fabric softness. It penetrates deep into the fifter bundle giving a luxurious soft handle.  Topooft-EME: M is highly effective high performance macro emulsion of reactive organo modified polysiloxane, for permanent finish on all types of fabric softness. The protective organo modified polysiloxane, for permanent finish on all types of fabrics.	In the particularly suitable as active substance in softener formulations for the impregnation of fibre and textile.  It is particularly suitable as active substance in softener formulations for the impregnation of fibre and textile.  It is particularly suitable as active substance in softener agent for cotton fabrics and knitwear made of cotton or cotton/PES blends.  3. It improves the wash-and-wear properties and the crease recovery angle, sewability and tear strength and reduces abrasion loss. The effects are fast to washing and dry cleaning.  4. It has little effect on the degree of white in a softener formulation when usual application conditions are adhered to. As a rule, no adverse effect on the degree of white in a softener formulation when usual application conditions are adhered to. As a rule, no adverse effect on the degree of white in a softener formulation when usual application conditions are adhered to. As a rule, no adverse effect on the degree of white in a softener formulation when usual application conditions are adhered to. As a rule, no adverse effect on the degree of white the softener of the conditions of the softener of the	Emulsion of functional polysiloxane  Functional polysiloxane  Modified siloxane Nano-dispersion  Modified polysiloxane & specialty surfactants.	Weakly cationic / non-ionic  Cationic / Non-ionic  Non-ionic  Non-ionic
849 850 851 852	847	SUPERSIL-SOPT-PG-LV  SUPERSIL-SSP  SYLAST-HC-N  SYLAST-RUD  TOPSOFT-EME-M	Supersil-SOFT-PC-LV is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle It imparts an expensionally soft full & luxurious handle along with improved resilience of sphric physicals.  Supersil-SDF is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle. It imparts an exceptionally soft full & luxurious handle along with improved resilience & fabric physicals.  Supersil-SDF is micro emulsion concentrate of specially engineered organo intentional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle. It imparts an exceptionally soft full & luxurious handle along with improved resilience & fabric physicals.  Splast-RUD is a modified siloxane Nam-dispersion. It is durable and free from funorocarbon (PFOA & PFOS) and flammable liquids. It is used for importing a durable water, soil & stata repellem properties minimizing aqueous soiling of porous or non-porous, absorbent or non-absorbent substrates.  Splast-RUD is non-ionic concentrated micro emulsion of an organo modified polysiloxane. It imparts extremely soft, silky, smooth handle on all types of fabric solutrates. Proposif-EME resisted fabric exhibit excellent soft & smooth handle on all types of fabric.  Topooft-EME Alt is highly effective high performance macro emulsion of reactive organo modified polysiloxane, for permanent finish on all types of fabric substrates. Proposif-EME resisted fabric exhibit excellent soft & smooth handle on all types of fabric.	properties of coloured goods is observed.  It is particularly suitable as extire a substance in oftener formulations for the improgration of fibre and identified.  It is particularly suitable as extire a substance in oftener formulations for the improgration of fibre and identified.  It is considered to be the most excellent softening agent for cotton fabrics and knitwear made of cotton or cotton/PES blends.  3. It improves the swah-and-wear properties and the crease recovery angle, sevability and teast strength and reduces abrasion loss. The effects are fast to washing and doy-cleaning, each of which in a softener formulation when which are substanced as the substance of the control of the strength of the st	Emulsion of functional polysiloxane  Functional polysiloxane  Modified siloxane Nano-dispersion  Modified polysiloxane & specialty surfactants.	Weakly cationic / non-ionic  Cationic / Non-ionic  Non-ionic  Non-ionic
849 850 851 853	847	SUPERSIL-SOPT-PG-LV  SUPERSIL-SSP  SYLAST-HC-N  SYLAST-RUD  TOPSOFT-EME-M	Supersil-SOFT-PC-LV is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle It imparts an expensionally soft full & luxurious handle along with improved resilience of sphric physicals.  Supersil-SDF is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle. It imparts an exceptionally soft full & luxurious handle along with improved resilience & fabric physicals.  Supersil-SDF is micro emulsion concentrate of specially engineered organo intentional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle. It imparts an exceptionally soft full & luxurious handle along with improved resilience & fabric physicals.  Splast-RUD is a modified siloxane Nam-dispersion. It is durable and free from funorocarbon (PFOA & PFOS) and flammable liquids. It is used for importing a durable water, soil & stata repellem properties minimizing aqueous soiling of porous or non-porous, absorbent or non-absorbent substrates.  Splast-RUD is non-ionic concentrated micro emulsion of an organo modified polysiloxane. It imparts extremely soft, silky, smooth handle on all types of fabric solutrates. Proposif-EME resisted fabric exhibit excellent soft & smooth handle on all types of fabric.  Topooft-EME Alt is highly effective high performance macro emulsion of reactive organo modified polysiloxane, for permanent finish on all types of fabric substrates. Proposif-EME resisted fabric exhibit excellent soft & smooth handle on all types of fabric.	properties of coloured goods is observed.  In its particulary autibales as citive substance in softener formulations for the properties of the result of their sound cities in the consideration of their sound cities in the consideration of their sound cities and britishes and britishes and their sound cities and britishes and their sound cities and britishes and their sound cities and britishes anot britishes and britishes and britishes and britishes and britis	Emulsion of functional polysiloxane  Functional polysiloxane  Modified siloxane Nano-dispersion  Modified polysiloxane & specialty surfactants.	Weakly cationic / non-ionic  Cationic / Non-ionic  Non-ionic  Non-ionic
849 850 851 853	847	SUPERSIL-SOPT-PG-LV  SUPERSIL-SSP  SYLAST-HC-N  SYLAST-RUD  TOPSOFT-EME-M	Supersil-SOFT-PC-LV is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle It imparts an expensionally soft full & luxurious handle along with improved resilience of sphric physicals.  Supersil-SDF is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle. It imparts an exceptionally soft full & luxurious handle along with improved resilience & fabric physicals.  Supersil-SDF is micro emulsion concentrate of specially engineered organo intentional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle. It imparts an exceptionally soft full & luxurious handle along with improved resilience & fabric physicals.  Splast-RUD is a modified siloxane Nam-dispersion. It is durable and free from funorocarbon (PFOA & PFOS) and flammable liquids. It is used for importing a durable water, soil & stata repellem properties minimizing aqueous soiling of porous or non-porous, absorbent or non-absorbent substrates.  Splast-RUD is non-ionic concentrated micro emulsion of an organo modified polysiloxane. It imparts extremely soft, silky, smooth handle on all types of fabric solutrates. Proposif-EME resisted fabric exhibit excellent soft & smooth handle on all types of fabric.  Topooft-EME Alt is highly effective high performance macro emulsion of reactive organo modified polysiloxane, for permanent finish on all types of fabric substrates. Proposif-EME resisted fabric exhibit excellent soft & smooth handle on all types of fabric.	In it is particularly suitable as active substance in softener formulations for the impregnation of fibre and textification of the supergradiant of the sun formulation of the impregnation of the sun formulation is the impregnation of the sun formulation is the impregnation of the sun formulation is offening agent for cotton fabrics and battwear made of cotton or cotton/PES blends.  3. It improves the weah-and-wear properties and the crease recovery angle, sewability and teas strength and reduces abrasion loss. The effects are fast to washing and dry cleaning.  4. It has little effect on the degree of white in a softener formulation when usual application conditions are adhered to. As a rule, no adverse effect on usual application conditions are adhered to. As a rule, no adverse effect on the degree of white in a softener formulation when usual application conditions are adhered to. As a rule, no adverse effect on the degree of white and application conditions are adhered to. As a rule, no adverse effect on the degree of the substance of the sub	Emulsion of functional polysiloxane  Functional polysiloxane  Functional polysiloxane  Modified siloxane Nano- dispersion  Modified polysiloxane &  specialty surfactants.	Weakly cationic / non-ionic  Cationic / Non-ionic  Non-ionic  Non-ionic
849 850 851 852	847	SUPERSIL-SOPT-PG-LV  SUPERSIL-SSP  SYLAST-HC-N  SYLAST-RUD  TOPSOFT-EME-M	Supersil-SOFT-PC-LV is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle It imparts an expensionally soft full & luxurious handle along with improved resilience of sphric physicals.  Supersil-SDF is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle. It imparts an exceptionally soft full & luxurious handle along with improved resilience & fabric physicals.  Supersil-SDF is micro emulsion concentrate of specially engineered organo intentional polysiloxane. It is a premium pigment print softener which imparts soft smooth & non tacky handle. It imparts an exceptionally soft full & luxurious handle along with improved resilience & fabric physicals.  Splast-RUD is a modified siloxane Nam-dispersion. It is durable and free from funorocarbon (PFOA & PFOS) and flammable liquids. It is used for importing a durable water, soil & stata repellem properties minimizing aqueous soiling of porous or non-porous, absorbent or non-absorbent substrates.  Splast-RUD is non-ionic concentrated micro emulsion of an organo modified polysiloxane. It imparts extremely soft, silky, smooth handle on all types of fabric solutrates. Proposif-EME resisted fabric exhibit excellent soft & smooth handle on all types of fabric.  Topooft-EME Alt is highly effective high performance macro emulsion of reactive organo modified polysiloxane, for permanent finish on all types of fabric substrates. Proposif-EME resisted fabric exhibit excellent soft & smooth handle on all types of fabric.	properties of coloured goods is observed.  It is particularly suitable as exite a substance in offener formulations for the improparation of fibre and iterative.  It is particularly suitable as exite a substance in offener formulations for the improparation of fibre and iterative.  2. It is considered to be the most excellent softening agent for cotton fabrics and knitwear made of cotton or cotton/PES blends.  3. It improves the swah-and-wear properties and the crease recovery angle, sexuability and teast strength and reduces abrasion loss. The effects are fast to vashing and dry cleaning.  4. It has little effect on the degree and the object of the strength of	Emulsion of functional polysiloxane  Functional polysiloxane  Functional polysiloxane  Modified siloxane Nano- dispersion  Modified polysiloxane &  specialty surfactants.	Weakly cationic / non-ionic  Cationic / Non-ionic  Non-ionic  Non-ionic

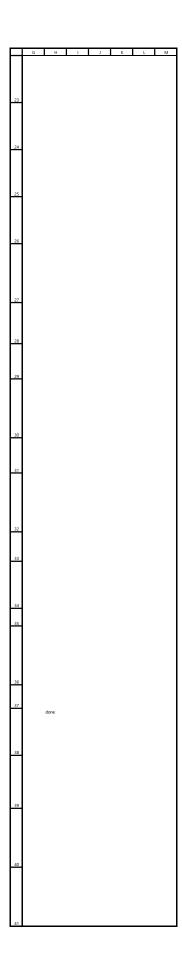
and the contract of the contra						
problems processed and processes of the company of	D E F	D II Construction of C II II I	C	B B	Α	П
Part	rinkle recovery.	Improve fabric tear strength & wrinkle recovery.     Wery low yellowing.     Good emulsion stability.     Exhaustible.	provides superior elastomeric, soft & smooth touch to fabrics. When used alone or in conjunction with appropriate organic softeners, it is capable of exhausting	ULTRASOFT-959	853	
sealth in the control of the control	of dyed shade and improves its color ce and D.P. appearance ratings. gift, shrasion resistance & cut & sew regist and prevents bagging during wears in lets and permanent properties.	2. It imports luster, enhances depth of dyed shade and improves its color value.  3. It improves fabric crease resistance and D. P. appearance ratings.  4. It improves the reast extensive strengths, abrasion resistance & create several resistance.  1. It improves the resistance of	organo functional polysiloxane and biodegradable surfactants. It imparts rich luxuriant handle, a distinct down softness, excellent surface smoothness along with enhanced resilience. This innovation enables the processor to realize and optimize multifunctional benefits of a micro and	DERMASIL-FLO	854	856
and the first office of continued and an analysis is a present several and any periodic and access and any analysis of the object of the objec						857
sixtee distance for personant floats on all types of filters on filtress.    Part	r for the impregnation of fibers and roperties and the crease recovery angle, duces abrasion loss.	<ol> <li>Is particularly suitable as softener for the impregnation of fibers and textiles.</li> <li>It improves the wash-and-wear properties and the crease recovery angle, sewability and tear strength and reduces abrasion loss.</li> </ol>	emulsion. Treated fabric exhibits excellent surface smoothness & softness. It is	DERMASIL-PSS	855	
silcome. It imposes consequency and stiff comments and styles of filled the control of the contr	h-speed industrial sewing. f knit goods.	2. Improved wash & wear effects. 3. Imparts smooth, soft handle. 4. Improved elastic recovery of knitted goods. 5. Prevents loop damage during high-speed industrial sewing. 6. Improves dimensional stability of knit goods.	Dermasil-IIP is a Semi-Micro emulsion of a single component, organo functional silicone elastomer for permanent finish on all types of fibers and blends.			858
silence. B. Tempores recovery of mile allign search before the best of the bes	specialty st. er & uniform penetration into the fabric, more an internal softener. shandle on woven & hutter fabrics.	woven & knit fabrics.  2. Can be applied by pad and exhaust.  3. Its fine particles size ensures faster & uniform penetration into the fabric, making it less a surface treatment & more an internal softener.  4. Premium softness & silky luxuries handle on woven & knitted fabrics.	siloxane. It imparts extremely soft, silky, smooth handle on all types of fabric especially cellulosic fabrics. Powersil-2150-EC penetrate deep into the fiber	POWERSIL-2150-EC	857	860
selection. It impairs extracting vist. ally condend handle and if type of facility.  The condend of the process	st. st. uniform penetration into the fabric, more an internal softener.	woven & knit fabrics.  2. Can be applied by pad and exhaust.  3. Its fine particles size ensures faster & uniform penetration into the fabric, making it less a surface treatment & more an internal softener.	siloxane. It imparts extremely soft, silky, smooth handle on all types of fabric especially cellulosic fabrics. Powersil-2150-K penetrate deep into the fiber	POWERSIL-2150-K	858	
poly discuss. It imports extremely and, stilly amonth handle on all types of failure operating includes. It imports extremely and, stilly amonth handle on all types of failure. Advantage of the control	specialty  er & uniform penetration into the fabric, more an internal softener.	woven & knit fabrics.  2.Can be applied by pad and exhaust.  3. Its fine particles size ensures faster & uniform penetration into the fabric, making it less a surface treatment & more an internal softener.	siloxane. It imparts extremely soft, silky, smooth handle on all types of fabric especially cellulosic fabrics. Powersil-2150-M penetrate deep into the fiber	POWERSIL-2150-M	859	861
sloopen. It impairs terrormely off, silly, month handle easily per offaire opened in the fact the force of the standing using a learning of the said per offaire in the fact that the said per off faire in the fact that the said per off faire in the faire of the said per offaire in the faire of the said per off faire in the faire of the said per off faire in the faire of the said per off faire in the faire in the said per off faire in the said of the said per off faire in the said pe	st. specialty st. er & uniform penetration into the fabric, more an internal softener.	woven & knit fabrics.  2. Can be applied by pad and exhaust.  3. Its fine particles size ensures faster & uniform penetration into the fabric, making it less a surface treatment & more an internal softener.	poly siloxane. It imparts extremely soft, silky, smooth handle on all types of fabric especially cellulosic fabrics. Powersil-2150-New penetrate deep into the	POWERSIL-2150-NEW	860	863
receive organo modified polysilosome, for permanent finish on all types of fabric.  amoch handle on all types of fabric.  Both amoch amoch handle on all types of fabric.  Both amoch amoch handle on all types of fabric.  Both amoch amoch amoch amoch of the carbot on fabrics. When used alone or in conjunction with appropriate grain softerers, it is capable of chanseling.  Both amoch on the complete grain of the carbot on fabrics. When used alone or in conjunction with appropriate grain softerers, it is capable of chanseling.  Both amoch am	st. specialty st. er & uniform penetration into the fabric, more an internal softener.	woven & knit fabrics.  2. Can be applied by pad and exhaust.  3. Its fine particles size ensures faster & uniform penetration into the fabric, making it less a surface treatment & more an internal softener.	siloxane. It imparts extremely soft, silky, smooth handle on all types of fabric especially cellulosic fabrics. Powersil-2150-R penetrate deep into the fiber	POWERSIL-2150-R	861	
provides superior elastonemics, soft & smooth touch to fabrics. When used alone or in conjunction with appropriate organic softeness, it is capable of eshaustria, onto fibers & fabrics. Treated fabric exhibits very good bounce.  864 SUPERSIL-ISS Supersil-ISS is a non-ionic concentrated micro emulsion of an organo modified poly siloxame. It imparts extremely soft, silky, smooth handle on all type of fabric. Particle size of Supersil-ISS is particularly designed to the degree of fabric 2 fabric. Particle size of Supersil-ISS is particularly designed to the degree of fabric. Particle size of Supersil-ISS is particularly designed to the degree of fabric 2 fabric 2 fabric 2 fabric 2 fabric 2 fabric 3 fabric 4 fabric 3 fabric 4 fabric 4 fabric 4 fabric 5 fabric 4 fabric 5 fabric 5 fabric 5 fabric 6 fabric 7	very & tensile strength of the fabric.  specialty surfactants  method.  capacity of lant goods.  shartsain loss.  2. On  et on ver pad when used along with	2. Improves sevability, crease recovery & tensile strength of the fabric.  3. Can be applied by pad & exhaust method.  4. Improves the stretch & recovery capacity of kint goods.  5. Improves tens strength & reduces abrassion loss.  6. Effects are fast to washing & dry cleaning.  7. On cotton, cootal year & PC kints, by we don wet pad when used along with	reactive organo modified polysiloxane, for permanent finish on all types of fabric substrates. Powersil-ACN-ECO treated fabric exhibit excellent soft &		862	865
poly silocues. It imparts extremely soft, silly, smooth handle of all types of fabrics.  Superall-Six part turbular designed to the degree of fabric and the state of the stat	inkle recovery.	2.Improve fabric tear strength & wrinkle recovery. 3. Very low yellowing. 4. Good emulsion stability. 5. Exhaustible.	provides superior elastomeric, soft & smooth touch to fabrics. When used alone or in conjunction with appropriate organic softeners, it is capable of exhausting	POWERSIL-ELS	863	
silocane. It imparts extremely soft, silly, smooth handle on all types of labric.  Particle size of Supersi-Sis particularly designed to the degree of size and supersion of the size of supersi-Sis particularly designed to the degree of size.  2. Can be applied by pad and exhaust.  2. Can be applied by pad and exhaust.  3. Improved resonablity.  4. Improved crear recovery angle & resilience.  5. Improved teres recovery angle & resilience.  6. In the particle size ensures facine on the most of the fabric.  8. Improved teres recovery angle & resilience.  9. Improved teres recovery angle & resilience.	st. specialty surfactants  Resilience.  we restitute.  or & uniform penetration into the fabric,  smor an internal softener.  stremely economical in usage & easy to  shandle on woven & knitted fabrics.  evy in knitted fabrics (elastomeric	fabrics.  2. Can be applied by pad and exhaust.  3. Improved seveability.  4. Improved create receivery angle & resilience.  5. Improved text servegals & abusine resistance.  5. Improved text servegals & abusine resistance.  6. Improved text servegals & abusine resistance.  7. Its high concentration which resistance and internal softence.  7. Its high concentration makes is extremely economical in usage & easy to handle.  8. Premium softness & silly luxuries handle on woven & knitted fabrics.  9. Improvement in strength & recovery in knitted fabrics (elastomeric property).	poly siloxane. It imparts extremely soft, sility, smooth handle on all types of bathic. Particle sets of Supersil-ISS is particularly designed to the degree of fabric softness. It penetrates deep into the fiber bundle giving a luxurious soft handle.			867
B66   DERMASIL-SIG-LV   Dermasil-SIG-LV is a concentrated silicone-based auxiliary. It imparts a   1. Dermasil-SIG-LV improves the moist, tacky handle that sometimes results pleasarinely soft whandle to insime rortnet definites from using new york binders.	st.  k resilience. In resistance. In resistance of a funding penetration into the fabric, In one an internal softeneer. It currently economical in usage & easy to lowing appropriate dilution based on liquor ratio, (b) Desired finishes i.e. Is shandle on woven & knitted fabrics. It would be a shardle on woven & knitted fabrics. It would be a shardle on woven & knitted fabrics. It would be a shardle on woven & knitted fabrics. It would be a shardle on woven & knitted fabrics. It would be a shardle on woven & knitted fabrics. It would be a shardle on woven & knitted fabrics. It would be a shardle on woven & knitted fabrics. It would be a shardle on woven & knitted fabrics. It would be a shardle on woven & knitted fabrics.	labrics.  2. Can be applied by pad and exhaust.  3. Improved sewability.  4. Improved rease recovery angle & resilience.  5. Improved tear strength & Abrasion resistance.  6. Improved tear strength & Abrasion resistance.  6. In fine particles size ensures faster & uniform penetration into the fabric, making it less a surface treatment & more an internal softener.  7. Its high concentration makes is extremely economical in usage & easy to handle.  8. Further provided flexibility by allowing appropriate dilution based on following appropriate dilution based on following parameters.  9. Partic by Clost of flinish.  9. Premium softmess & sills) insurites handle on woven & lautited fabrics.  10. Improvement in strength & recovery in bointed flabrics (elastomeric property).	siloxane. It imparts extremely soft, silly, smooth handle on all types of fabric- Particle size of Spursi-SSEs is particularly designed to the degree of fabric softness. It penetrates deep into the fiber bundle giving a luxurious soft handle.			868
fastness.  2. It also acts as a softener and has a positive effect on the brilliance and fastness of the prints, especially the dry rub fastness.  869	positive effect on the brilliance and	from using very soft binders.  2. It also acts as a softener and has a positive effect on the brilliance and fastness of the prints, especially the dry rub fastness.	pleasingly soft dry handle to pigment-printed fabrics and improves their fastness.			869
polydimethylsiotane. The superior wet and dry combing benefits of it have been demonstrated in different sharppo formulations. This emulsion also provides excellent detangling and sensory benefits.  370  Excellent red yourbing.  3. Excellent red yourbing.  3. Excellent red yourbing.  4. Improves hair altipperiness and softness	amino siloxane oftness	Excellent wet combing.     Excellent dry combing.     Improves hair slipperiness and softness	poly dimethylsiloxane. The superior wet and dry combing benefits of it have been demonstrated in different shampoo formulations. This emulsion also provides excellent detangling and sensory benefits.			870
868 SYLAST-STN Sylast-STN is a polysiloxane based product for application as sewing thread lubricant. It is suitable for all types of synthetic textiles and blends.  Like the synthetic sexual before the synthetic textiles and blends.  2. Reduces coefficient of friction with improved unter.  3. It is efficient for this pipede sewing lines.  4. It is low in odor.  5. It reduces syslating during application and ensures skin and lump formation in the bath as found in aqueous systems.	temperature application systems. th improved luster. g lines. tation and ensures skin and lump	temperatures thus suitable for High temperature application systems.  2. Reduces coefficient of friction with improved luster.  3. It is efficient for high speed sewing lines.  4. It is low in odor.  5. It reduces Japashing during application and ensures skin and lump		ISYLAST-STN	868	871

or volatile organic compounds which makes it more environmentally sound & subtrate whiteness & hydrophilicity.  2. It maintains natural absorberg of cellulosic substrates & their blends with with the substrates with the substrates and the su	one Non-ionic  one Non-ionic  unctional Cattonic
do features resistance to thermal migration, color fastness, fabric withorest, reposition (your dysability and mortest short resistance to the most migration and the state of	one Non-ionic
but also features resistance to thermal migration, color fastness, sharlow whiteness, re-dyeability and a typical bath condition for textife finishing.  The otherses provided by bermansi-PYSN-PY is durable for numerous desergent with the provided by the	functional Cationic
abstrate whitness & slaydrophilicity.  It maintains attural absorberg of cellulosic substrates & their blends with subtlets.  It maintains attural absorberg of cellulosic substrates & their blends with subtlets.  The phydrophilic properties imparted show practically no change with aging or extreme drying conditions.  Excellent stability in the black activating containing common textiles chemicals or containing common textiles chemicals and comparison of emulsion can be done by pad or exhaustion method.  Prollube-HAM is non-yellowing high viscosity reactive amino functional polydimethyl siloxane fluid laving sterically hindered amino group, suitable as an active substance in non-yellowing softener formulations.  The emulsion imparts of it was when get a few containing common textiles chemicals and active substance in non-yellowing softener formulations.  The emulsion imparts of it was when get a few containing common textiles chemicals and active substance in non-yellowing softener formulations.  The emulsion imparts of its very smooth handle with improved wash & were properties, crease recovery angle, sensibility, tear strength & reduces abrasion loss. The effects are fast to washing & day cleaning.  The effects are fast to washing & day cleaning.  Prollube-19-F not only can help provide in-depth softness and slickness, but also features resistance to fabric whiteness, re-dysability, over dysability and shear stability at a typical bath condition for textile finishing.  1. Provides a high level of softness (timer softness for all types of synthetic finishing.  2. Non-yellowing.  2. Non-yellowing.  3. Lexerolously sally, drape-able and in-depth softness, as opposed to a slippery hand-in fabric surface that is typically imparted by amino functional silicones.  3. The phylical bath condition for textile finishing.	
polydimethyl slocane fluid having sterically hindered amino group, suitable as a nactive substance in one-yellowing softener formulations.  The emulsion imparts off & very smooth handle with improved wash & wear properties, crease recovery angle, sewability, car strength & reduces abrasion loss. The effects are fast to washing & dry cleaning.  276  874  PROLUBE-19-F  Prolube-19-F not only can help provide in-depth softness and siliciness, but also if features resistance to fibric whiteness, re-dyeability, over dyeability and shear stability at a typical bath condition for textile finishing.  Stability at a typical bath condition for textile finishing.  Stability of the stability of the stability and suppose the stability of the	
features resistance to fabrice whiteness, re-dyeability, over dyeability and shear stability at a typical bath condition for textile finishing.  2. Non-yellowing. 2. Non-yellowing. 3. Lacuariously silly, days-able and in-depth softness, as opposed to a slipery hand-on fabric surface that is typically imparted by amino functional silicones. 4. Satable for all normal application methods, such as pad bath, exhaustion 5. Dilutions are extremely shear stable. 6. Works at very low dosage.	functional Nonionic
	Wealdy cationic / non-ionic
PROLUBE-67-F  Prolube-67-F not only can help provide in-depth softness and slickness, but also features restraince to fabric whiteness, re-dyeability, over dyeability and shear stability at a typical bath condition for textile finishing.  1. Provides a high level of softness (timer softness for all types of synthetic stability at a typical bath condition for textile finishing.  3. Laurationsy sliky, draps-able and in-depth softness, as opposed to a slippery hand-on fabric surface that is typically imparted by amino functional splication methods, such as pad bath, exhaustion and spray  5. Dilutions are extremely shear stable. 6. Works at very low dosage. 7. May be used with most types of lypical equipment's for textile finishing.	Wealdy cationic / non-ionic
PROLIJUBE-402-F  Prolibe-412-F pot only can help provide in-depths offness and slickness, but also features resistance to shire vibrateness. Per depaility or medium of the contraction	Weakly cationic / non-ionic
B77 Dylev PES ECO  It is a unique multi-functional product for dispersing & leveling of disperse dyes on substrates like polyester fibers, yarns and fabrics  It is a unique multi-functional product for dispersing & leveling of disperse dyes not the doubsyster fiber. 2. B Promotes the distribution of disperse dyes so that even less suitable dyes for dyeing wound packages can be applied 3. The heating rate can be increased to 2.3°C/min according the machine 4. The dyeing the tredore less during heating and does not require a migration phase for levelling on reaching 125-135°C. The dyeing time and the final temperature can therefore be shortened to that required for complete exhaustion of the disperse dyes. Dyeing in pale shades can be finished after 15 min and navy or black shades after 30 min at 130°C.	Anionic
878 Aquasil TF New(Biobased)  Macro nonionic to weakly cataonic hydrophilic silicone softener for excellent surface smoothness or greaxy touch  The silicone finish provides testilies with an innovative structure that combines outstanding softeness which excellent water absorption  2. The tothe surface reinted silic like and supple softeness effect it is particularly suitable for light wowen and knit goods where hydrophilic properties are of importance.  3. It complies with year of the surface of	ified Weakly cationic
879 Aquasil LIX-45(Biobased) A speciality hydrophilic softener for all types of fabrics, especially terry towels and luits  A speciality hydrophilic softener for all types of fabrics, especially terry towels fabric Excellent staffening without hampering the hydrophilicity of the fabric Excellent plic retrestors. Specially suitable for error towels 2. Low wiscosity & pumpable. Suitable for auto-dispensing systems. 3. It complies with cyclic (P. D. E., Do) context for below 1000 ppm. 4. Emulsified using plant based fatty alcohols ethocytates	Wealdy Cationic
880 Powersil HM Plus(Biobased) Silicone softener for imparting excellent softness and luxurious surface smoothness, hydrophilic and antistatic properties to all kinds of fabrics.  1.0ffers softness along with hydrophilicity to cotton and other natural fabrics. Extremely useful for application on nerrytowels and clothes in intimate contact withholy offers excellent anti-static properties 2. does not cause any yellowing on white fabrics.  3.Helps garments keep their shape during washing, drying and wearing 4. It compiles with cycle (10, 10, 20, 60) contents of below 100 ppm. 5. Emulified using plant based fluxy alcoholes thoughting.	iffed Wealdy cationic / Non-ionic
B81 Dyefix ES  Dyefix Established  Dyefix ES  Dyefix Established  Dyefix Establishe	ammonium Cationic

_						
Н	A 882	Powersil 7078(Biobased)	C  A speciality hydrophilic softener for all types of fabrics, especially terry towels	D  1. Imparts excellent softening without hampering the hydrophilicity of the	E Emulsion of modified	F Weakly Cationic
			and knits	fabric. Excellent pile retention. Especially suitable for terry towels 2.Low viscosity & pumpable. Suitable for auto-dispensing systems. 3. It complies	amino siloxane	
				with cyclic ( D4, D5, D6) contents of below 1000 ppm. 4. Emulsified using blant based fatty alcohols ethoxylates 5. Good pool water fastness		
				plant based fatty alcohols ethoxylates 5. Good pool water fastness		
885	883	Quench NYX / Neutrox NYX	To prevent yellowing of textiles during storage	Low foaming 2. Prevent yellowing in the presence of stearically hindered	Mixture of organic products	Anionic
886				phenol(BHT), presence of nitrogen oxides, humidity, time, temperature, pH of material etc.		
	884	Supersilsoft PG-LV	Supersil-Soft-PG is micro emulsion concentrate of specially engineered organo functional polysiloxane. It is a premium pigment print softener which imparts	Its fine particles size ensures faster & uniform penetration into the fabric, making it less a surface treatment & more an internal softener.	Functional polysiloxane	Weakly cationic / non-ionic
			soft smooth & non tacky handle. It imparts an exceptionally soft full & luxurious	2. Its high concentration makes it extremely economical in usage & easy to handle.		
			handle along with improved resilience & fabric physicals	3. Provides flexibility by allowing appropriate dilution based on following		
				parameters. a) Fabric to liquor ratio, b) Desired finish and c) Cost.  4. The running properties of the print pastes are improved.		
				<ol> <li>Excellent softness on pigment printed fabric &amp; improves rub fastness properties of prints.</li> </ol>		
				Premium smoothness & non-tacky handle on printed fabrics.     Improvement in fabric physicals, tear strength, abrasion resistance, cut		
				and sew performance, bending rigidity and co-efficiency of friction. 8. It complies with cyclic ( D4, D5, D6) contents of below 1000 ppm.		
				compiles with cyclic ( 104, 105, 106) contents of below 1000 ppm.		
887						
	885	Altranol UNJ-80	Jet scouring agent for the pre-treatment of cellulosic fibres and their blends.	<ol> <li>has excellent emulsifying power for paraffin waxes and knitting oils. The product allows for low-foaming in the entire temperature range.</li> <li>Suitable</li> </ol>	Blend of surfactants	Nonionic
888				for use in enzymatic desizing. 3. Stable to alkali up to 40 g/l caustic soda.		
	886	Altranol FMC	Wetting agent for mercerizing and caustification	Possesses an excellent wetting power. 2. Does not contain cresol or phenolic ingredients	Complex anionic surfactant	Anionic
889				Can be applied in caustic soda solutions of 28 - 32 *Bé     extremely low foaming tendency		
	887	Glogard THPC-U	It is a durable flame retardant for cellulosic & protein fibers and their blends with synthetic fibers (synthetic component does not exceed 30% of total fabric	Treated textiles show excellent flame-retarding, handling, wash resistance, and low tear strength effects as opposed to untreated fabrics.	Tetrakis Hydroxymethyl Phosphonium Chloride-	Nonionic
890	000	Downofin CV/Eulanus CV)	wt.).		Urea (THPC-U)	
991	888 889	Permafin SK(Erkapur SK) Defoam T-20	Defaom T-20 is a defoamer & antifoam based on polysiloxane, having prolonged	Is a versatile defoamer used in various textiles operations like jet dyeing	Polydimethyl siloxane	Non-ionic
			emulsion stability.	etc. wherever foaming problem arises.  2. It destroys the foam immediately depending upon the processing		
				conditions such as pH, type of water and temperature of the medium. 3. intended for high end application for defoaming. 4.		
892	890	Flexsil BQ	It is a organo-modified polydimethylsiloxane terpolymer. It imparts a very soft,	Excellent softener with outstanding hand feel on cotton & PC knitted	Silicone copolymer	Weakly cationic
			smooth, and silky touch & luxurious touch with an ultra-soft feel for all types of fabrics, imparting resilience properties in fabric and It has very little effect on	fabrics.  2. It imparts excellent hydrophilic nature especially in cotton, yarn dyed		
			the degree of whiteness.	cotton, polyester cotton and polyester for woven, non-woven, knitted and		
				mercerized fabrics.  3. It imparts comfort surface smoothness & antistatic properties.		
				<ol> <li>It is suitable for knit processing in different finishing machines, especially in high speed &amp; high shear machines for broad range of cotton, blends,</li> </ol>		
				polyester & viscose fabric.  5. It also has chlorine water fastness properties.		
893	891	Flexsil 3000	It is a organo-modified polydimethylsiloxane terpolymer. It imparts a very soft,	Excellent softener with outstanding hand feel on cotton & PC knitted	Silicone copolymer	Weakly cationic
			smooth, and silky touch & luxurious touch with an ultra-soft feel for all types of fabrics, imparting resilience properties in fabric and It has very little effect on	fabrics.  2. It imparts excellent hydrophilic nature especially in cotton, yarn dyed		
			the degree of whiteness.	cotton, polyester cotton and polyester for woven, non-woven, knitted and mercerized fabrics.		
				3. It imparts comfort surface smoothness & antistatic properties.		
				<ol> <li>It is suitable for knit processing in different finishing machines, especially in high speed &amp; high shear machines for broad range of cotton, blends,</li> </ol>		
				polyester & viscose fabric.  5. It also has chlorine water fastness properties.		
894	892	Powersil SIQ/conc	Silicone softener for imparting excellent softness and luxurious surface	1.0ffers softness along with hydrophillicity to cotton and other natural	Emulsion of modified	Weakly cationic / Non-ionic
			smoothness, hydrophilic and antistatic properties to all kinds of fabrics.	fabrics. Extremely useful for application on terrytowels and clothes in intimate contact withbody Offers excellent anti-static properties	amino siloxane	
				does not cause any yellowing on white fabrics.     3.Helps garments keep their shape during washing, drying and wearing		
				4. It complies with cyclic (D4, D5, D6) contents of below 1000 ppm.		
895	893	Alessa Los A D	Science and a sc	1 Alexandra AD (and a second s	Alkanol ester	Washington
	893	Altraplex AR	Stain protector against metal parts during dyeing	<ol> <li>Altraplex-AR is used as a protection against stains caused by metal parts when dyeing garments.</li> <li>Addition of it into the dyeing bath the risk of</li> </ol>	Aikanoi ester	Weakly anionic
896				soiling by the metal parts (like metal buttons, zip fastners and rivets) or shade changes can be almost eliminated.		
	894	Defaom JET	De-foaming agent with de-aerating effect and penetration action.	Very stable to high alkali and electrolyte concentrations     High stability to shear even in HT exhaustion, suitable for machines with	Synergistic mixture of de- aerating agent and	Anionic
				short liquor technology 3. Complete removal of air through liberation of the microdisperse air bubbles entrapped in the liquor and adhering strongly to	surfactants	
897	895	Albaflow UNI	silicone and mineral oil free defoamer with de-aerating effect and penetration	the hydrophobic fibers. 4.  1. penetration accelerants-deaerating agent, defoaming agent and wetting	Mixture of surfactants	Nonionic
			action.	agent.  2. Promotes fiber and surface levelness in. pretreatment and dveing.		
898	896	Dytec ES-3	Pre-scouring, dyeing and reduction clearing in one bath, shorter process, leading	Permanent foam prevention. • Removal of air from textile	Polymer dispersion	Anionic
	0,0	bytee 15 5	to cost savings	auxiliaries and UV absorbers. 2. Removes and emulsifies spinning	i orymer dispersion	Tanonic .
			through less WATER, ENERGY and TIME consumption!	and knitting oil, grease and wax and prevents their re-deposition. 3. Single bath scour-dyeing-reduction clear concept allows shortest possible		
899				processing cycle thus saving time, water, energy and cost.		
П	897	Flexsil SIL-Q	is a linear, nonreactive, high-molecular-weight quaternary aminosilicone polymer that meets even the strictest demands.	Fabrics treated with this textile enhancer are hydrophilic and retain hydrophilicity even after enduring harsh heat, curing and drying conditions.	Linear quat	Weakly cationic/ nonionic
900				<ol><li>Deliver a voluminous, soft touch to most cellulosic, regenerated cellulosic and cellulosic blends of fabrics</li></ol>		
П	898	Dytec FTR	It is an universal dyeing auxiliary for improved First Time Right rate of reactive dyeings	Improves operational safety and reproducibility of dyeings of native and regenerated cellulosicfibres and their blends with other fibres	Preparation of sulfosuccinate and	Anionic
			uyemga	2. Suited for each kinds of reactive dyes (except C.I. Reactive Blue 19, 29 and	polyacrylates	
				224) and textile make ups independant of the type of equipment     3. Combination of levelling, buffering, crease preventing, penetrating.		
				wetting/deaerating, sequestering and dispersing components 4. No significant influence on shade and yield of dyeing		
				Buffering effect     Reduction of the usual amount of anticrease by at least 50 %		
				x7. Reduces problems of reproducibility and deposits occuring during reactive dyeing		
901						
902	899 900	Lurol ASA Powersoft AE-54	Powersil-AE-54 is a concentrated semi-macro silicone emulsion suitable for the	It improves sewability, wash-and-wear properties, easy iron and crease	Silicone fluid emulsion	Non-ionic
	700	ower soft REST	impregnation of all kinds of fibers and textiles. It imparts a very soft, drapable	recovery.	Sincone naid emusion	- Tollic
			and elastic hand to a wide range of fiber materials such as cotton, polyester, viscose and their mixtures	It has very little effect on the degree of whiteness.     No adverse effect on the shade or color fastness properties of colored		
903				goods is observed		
	901	Dyefix FN BPF	Dyefix-FN-BPF is an eco-friendly acid dye fixing agent and reserving agent with the latest environmental regulations.	It is developed in APEO FREE & Bisphenol A (BPA), Bisphenol S (BPS),     Bisphenol F, Bisphenol B & Bisphenol AF below detection limit . 2 □ It is	Sulfonic acid polymer sodium salt solution	Anionic
				effective in improving the wet fastness (washing, boiling, sweat, water, chlorine) of dyed and printed nylon/silk materials.		
904 905	902	Ozone booster				
906		PP replacement(Near Chimica)				
908						
909 910						
911 912						
913						
914 915						
916 917						
918						
920						
916 917 918 919 920 921 922 923 924 925 926						
923 924						
925						
927						
928 929						

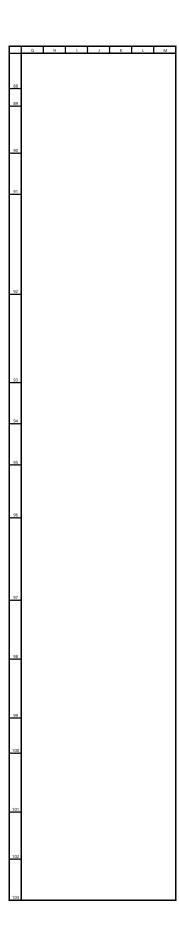
A	В	C	D	E F
930				
931				
932				
933				
935				
936				
937				
938				
940				
941				
942				
943				
944				
946				
947				
948				
949				
950				
952				
953				
954				
955				
957				
958				
959				
960				
962				
963				
964				
966				
967				
968				
969				
971				
972				
973				
974				
975				
977				
978				
979				
980				
982				
983				
984				
986				
987				
988				
989				
991				
992				
993				
994				
996				
997				
998				
1000				
1001				
1002				
1003				
1005				
1006				
1007				
1008				
1010				
1011				
1012				
1014				
1015				
1016				
1017				
1019				
1020				
1021				
1022				
1024				
1025				
1026				
1027				
1029				
1030				
1031				
1032				
1034				
1035				
1036				
1037				
1930   1930				
1040				
1041				
1043				
1044				

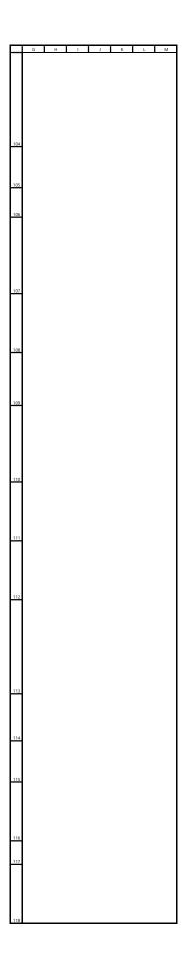
_						L	М
1 2	G	Н	_	J	K		М
3							
Ť							
5							
6							
7							
8							
9							
10							
١							
"							
12							
13							
14							
15							
16							
17							
18							
19							
19							
20							
21							
22							
- 22							

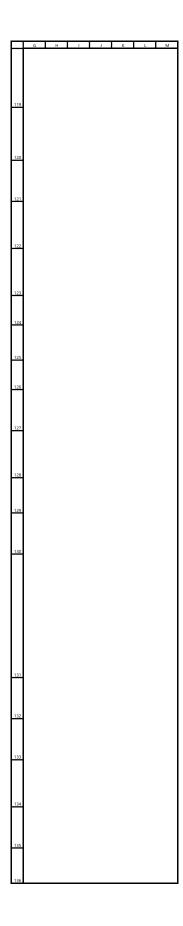


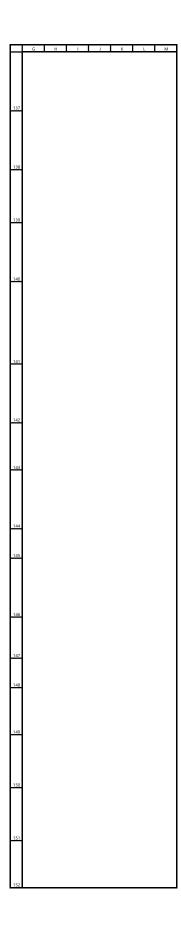
	G	Н		,	L	М
42						
43						
44						
45						
46						
47						
48						
50						
51						
52						
53						
54						
55						
56						
57						
58						
59						
60						
61						
62						
02						
63						

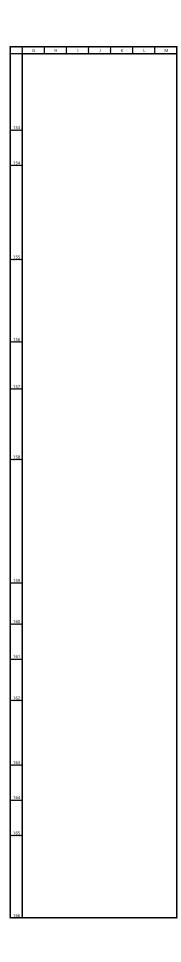
_			 			
<u> </u>	G	Н	 	K	L	М
64						
04	1					
65	ł					
66	ļ					
67	ł					
68						
69						
1						
70						
71	ł					
72	ļ					
73						
74						
75	ł					
76	ł					
77						
78						
79						
80	ł					
81						
- 31	1					
82	ļ					
83	ł					
1						
84	1					
1						
85	1					
86						
87						

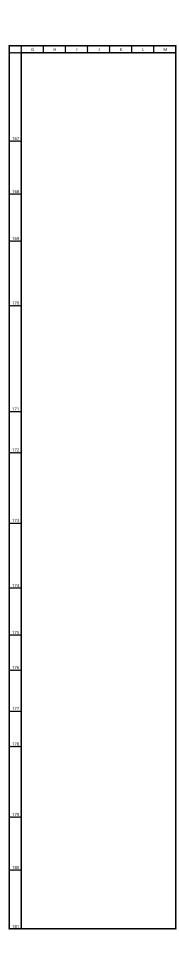


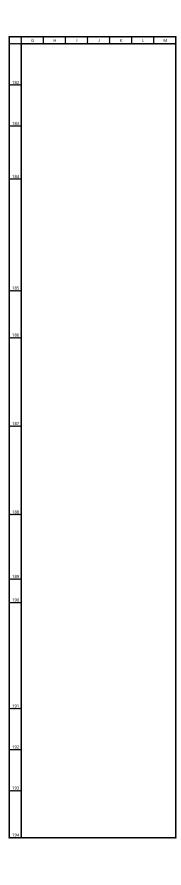


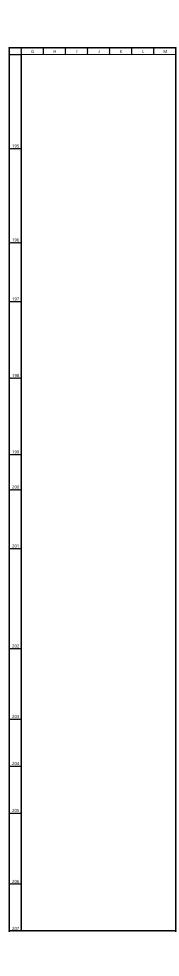


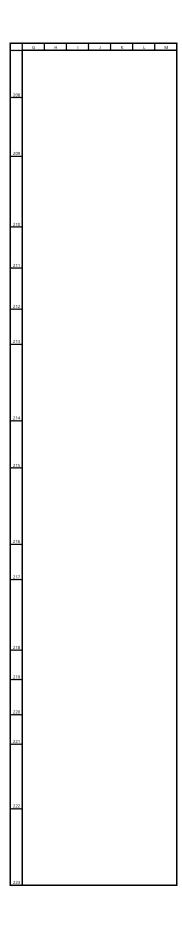


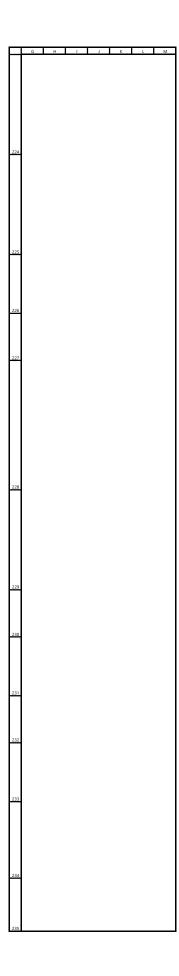




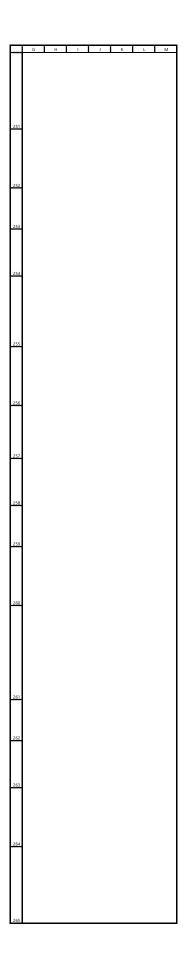


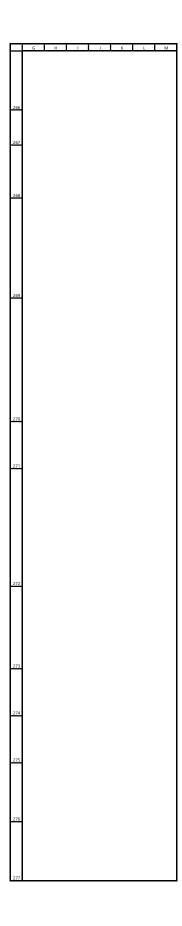


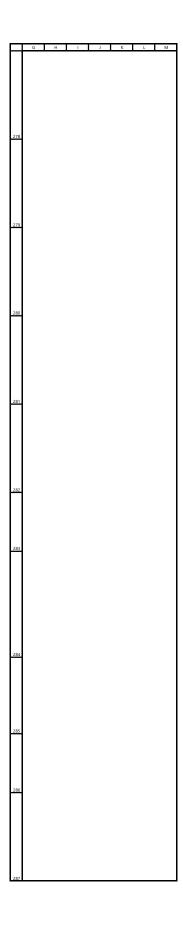


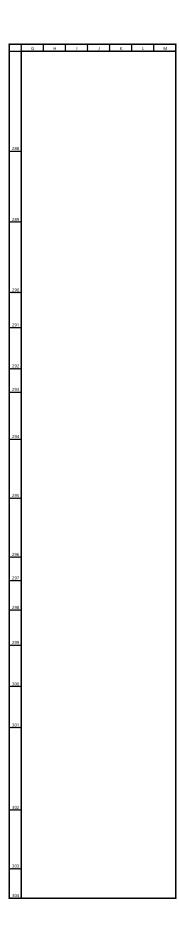


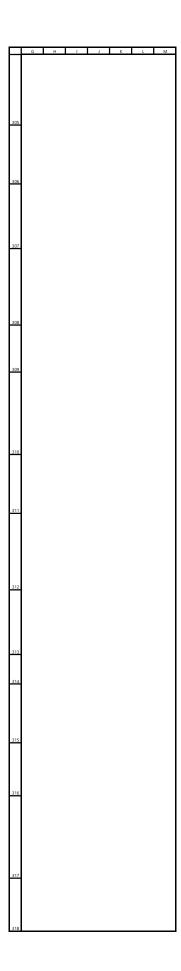
_							
	G	н	1	,	K	L	М
236							
237							
238							
239							
240							
241							
242							
243							
244							
245							
246							
247							
248							
249							
250							

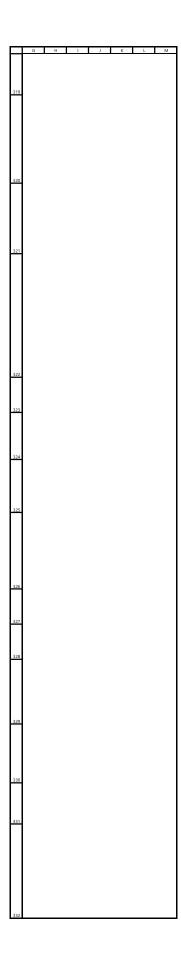


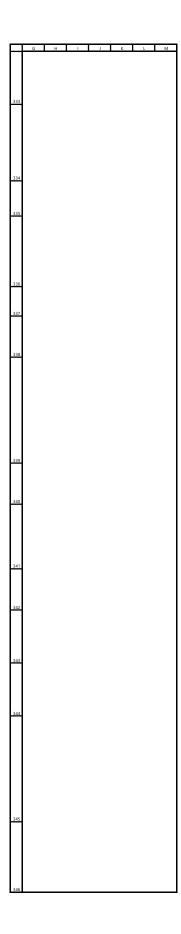


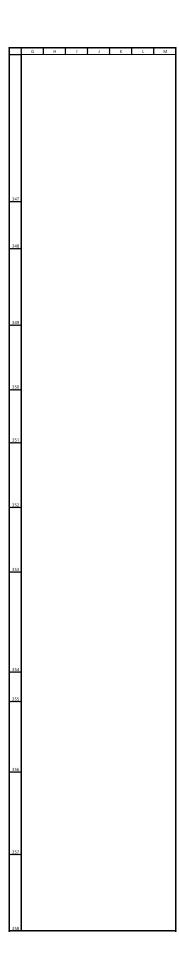


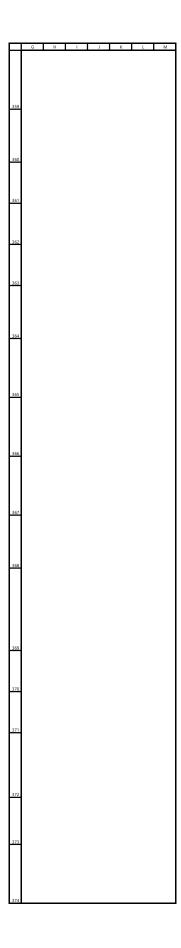








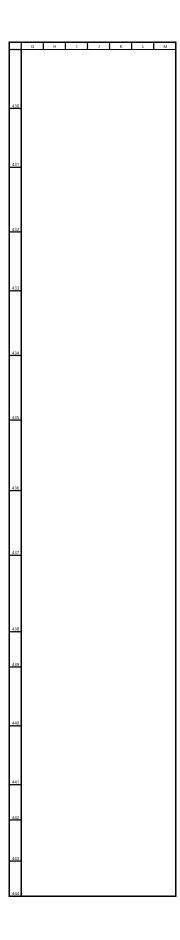


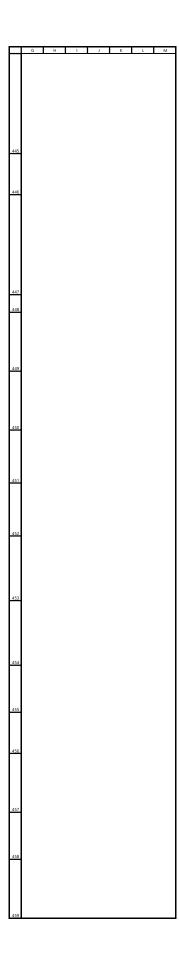


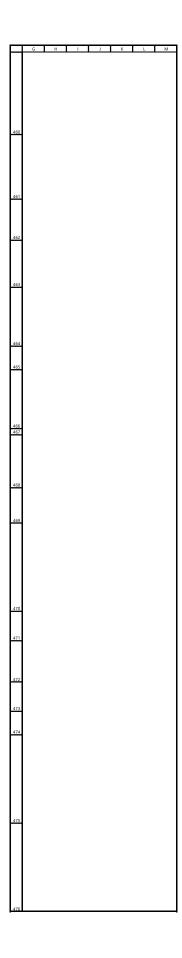
	G	н	I . I	к	L M
			1 - 1	× 1	
375					
3,5					
376					
370					
377					
3,,,					
378					
379					
380					
381					
382					
383					
384					
385					
386					
387					
388					
389					
390					
391					
392					

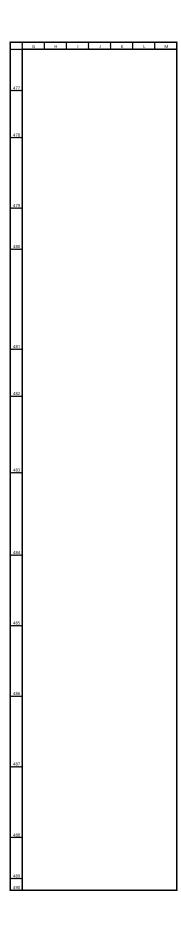
	G	Н	J	K	L	М
393						
394						
395						
396						
397						
398						
330						
399						
400						
401						
40.						
402						
402						
403						
404						
405						
406						
407						
408						
-00						
409						
410						
411						

	G	Н	J	K	L	М
412						
412						
413						
414						
415						
416						
417						
418						
419						
420						
421						
422						
423						
424						
425						
426						
427						
428						
429						

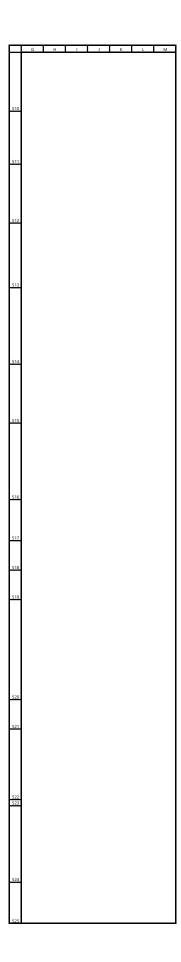




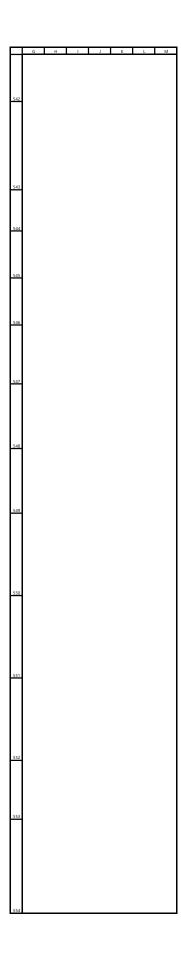


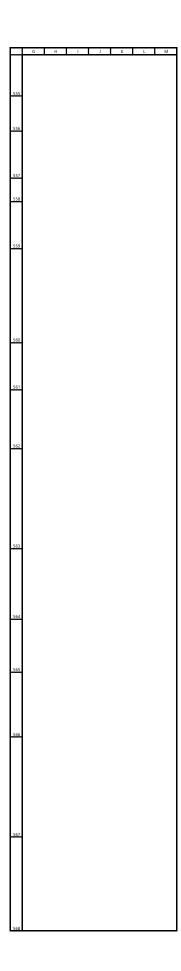


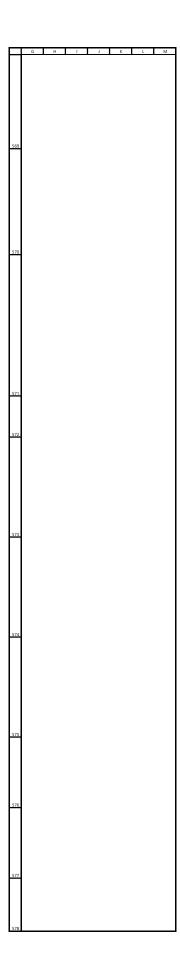
_	G	н	 	r	 М
491					
492					
493					
494					
495					
496					
497					
498					
430					
499					
500					
501					
301					
1					
502					
503					
504					
505					
506					
507					
508					
509					



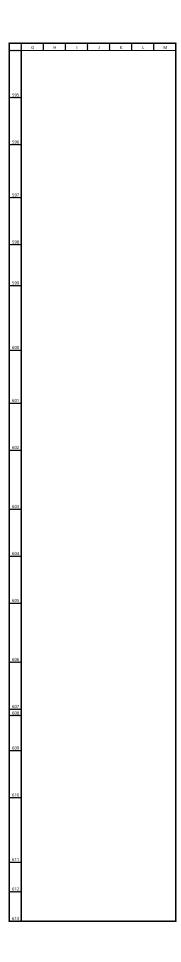
527 528 529 531 533 534 535 537 538 539		G Н	T	. T	K L	М
535 535 536 537 538 538 539		-				
535 535 536 537 538 538 539						
535 535 536 537 538 538 539	526					
535 535 536 537 538 538 539						
535 535 536 537 538 538 539	527					
535 535 536 537 538 538 539						
531 532 533 534 535 536 537 538 538	528					
531 532 533 534 535 536 537 538 538						
531 532 533 534 535 536 537 538 538						
531 532 533 534 535 536 537 538 538	529					
531 532 533 534 535 536 537 538 538						
531 532 533 534 535 536 537 538 538						
531 532 533 534 535 536 537 538 538						
531 532 533 534 535 536 537 538 538						
531 532 533 534 535 536 537 538 538						
531 532 533 534 535 536 537 538 538						
531 532 533 534 535 536 537 538 538						
531 532 533 534 535 536 537 538 538						
532 533 534 535 536 537 538	530					
532 533 534 535 536 537 538						
532 533 534 535 536 537 538						
533 534 535 536 537 538 539	531					
533 534 535 536 537 538 539						
533 534 535 536 537 538 539						
534 535 536 537 538	532					
534 535 536 537 538						
534 535 536 537 538						
\$35 \$35 \$37 \$38 \$39	533					
\$35 \$35 \$37 \$38 \$39						
\$35 \$35 \$37 \$38 \$39						
536 537 538 539	534					
536 537 538 539						
536 537 538 539						
538 538	535					
538 538						
538 538						
538 538						
530						
530						
530						
	538					
<u>540</u>	539					
<u>540</u>						
540						
541	540					
541						
541						
541						
	541					







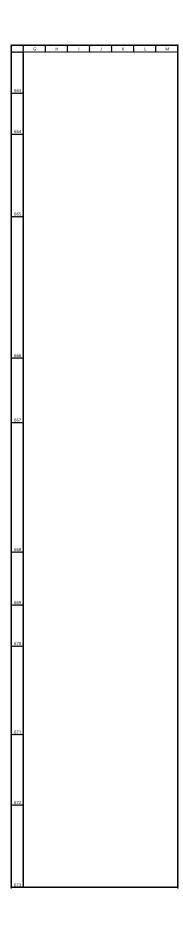
П	G H	J	K L	М
570				
5/9				
500				
380				
581				
-				
582				
583				
584				
505				
303				
586				
300				
587				
588				
589				
589				
590				
330				
591				
592				
593				
594				

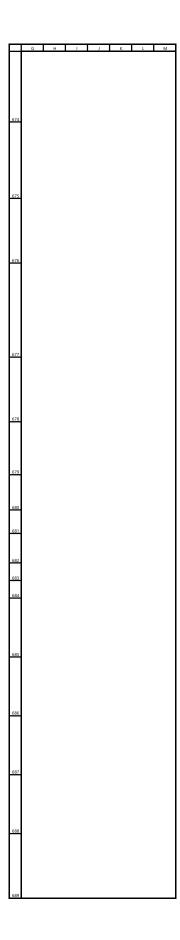


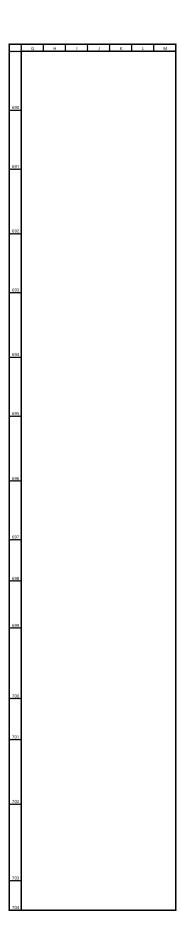
	G	н	J	I ĸ	L	М
614						
615						
616						
617						
618						
619						
619						
620						
621						
622						
623						
624						
625						
626						
627						
628						

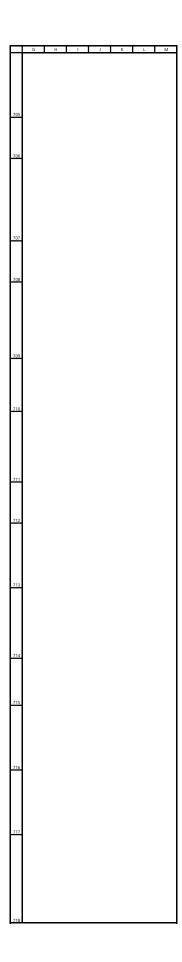
	G H	 	· ·	 м
	- G - F	,		 IVI
629				
630				
631				
632				
633				
634				
635				
635				
636				
637				
638				
639				
640				
641				
642				
643				

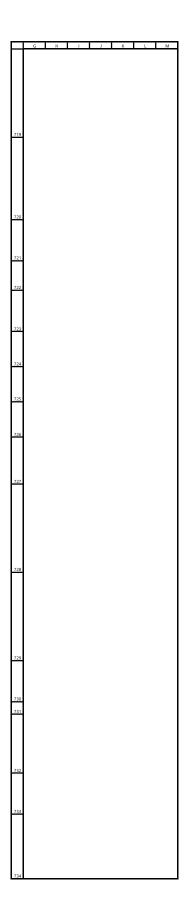
	6	н	1 .	Ικ	 м
644					
645					
646					
647					
648					
649					
650					
651					
652					
653					
654					
655					
656					
657					
658					
659					
660					
661					
662					











	G	Н	1 )	K	Τ .	М
735						
736						
737						
738						
739						
740						
741						
742						
743						
744						
745						
746						
747						
748						
749						

	G	н	J	K	L	М
750						
751						
752						
753						
754						
755						
756						
757 758						
759						
760						
761						
762						
763						
764						
765						
766						

