	A	B	C	D	E	F
1	**AUTOMOTIVE TEXTILE**					
2	**Sr. No.**	**Product Name**	**Product Description (few lines)**	**Features & Benefits (4-5 pointers)**	**Chemical Base**	**Ionic Character**
3	1	ALLENOL-RW	Allenol-RW is a wetting agent and detergent with very good re-wetting action and extremely low foaming, 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.	Synergetic preparation of special surfactants	Non-ionic
4	2	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.	1. Emulsifies and dissolves difficult to remove oil spots. 2. Is free of solvent and of low odor. 3. No danger of halo formation. 4. APEO free. 5. It has effective, degreasing, wetting, stain removal & detergency action giving a very clean fiber/fabric.	Blend of specialty surfactants	Non-ionic
5		STABILITE-SLP-NEW	Stabilite-SLP-NEW is a highly efficient UV absorber to process polyester textile goods selected for the automotive industry	Improves the hot lightfastness of polyester dyeing's with disperse dyes for the automotive industry which already have good lightfastness. Reduces fiber damage due to photochemical degradation. 1. It has a very good dispersion stability and is therefore particularly suitable for exhaust dyeing. 2. It has little self-color and therefore has virtually no influence on the shade of dyeing's. 3. Improves the light fastness of disperse dyes in general. 4. Improves the light fastness of dispersed dyes submitted to the test of the automotive industry	Benzotriazol derivative	Anionic
6	3	STABILITE-F	Stabilite-F is designed for light fastness and UPF (Ultra Violet Protection Factor) improving agent for polyester, cationic dyeable polyester and polyester blended fabrics, especially like home textile and automotive interior materials and sports wears which require high lightfastness or special care under strong sunlight exposure	1. Excellent Improvement for Light Fastness: - High temperature duration with less discoloration. 2. 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 Jet or yarn dyeing.	Benzotriazone derivative	Anionic
7	4	DYTEC-DAN	Dytec-DAN 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. It possesses in-built dispersing action on polyester oligomer to eliminate problems of lower rub-fastness in package dyeing and simultaneously clears oligomer residues in the machine.	1. Does not stain polyester and ensures optimum brightness and color clarity even in pale shades and with fluorescent optical whiteners. 2. Maintains its high 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 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.	Sodium poly[(naphthalene formaldehyde)sulfonate]	Anionic
8	5	ALTRAPLEX-S	Altraplex-S is an organic sequestrant with excellent chelating action on Calcium, Magnesium, Iron and Copper for the treatment or hard water and heavy metal ions over a wide range of pH and temperature in preparation, dyeing and finishing processes.	1. Possesses high hydrolytic stability and maintains its sequestering activity across a wide pH range. 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. 5. Acts as an efficient peroxide stabilizer in bleach liquor and prevents occurrence of pin-holes in cotton fabrics.	Based on organic acid salts	Anionic

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9	6	DYLEV-MBL	Dylev-MBL is a economical levelling, dispersing and migrating agent with diffusion accelerating effect for use in dyeing polyester with disperse dyes under HT conditions. Dyeing polyester fibers and microfibers and polyester/cellulose blends at all stages of processing.	1. Excellent migration property to the dyes used and therefore eliminates uneven dyeing. Time required in raising the temperature is reduced. 2. In dyeing texturized polyester knit & woven fabric it shows an outstanding covering property to eliminate barre' effect. 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. 5. Improves dispersion stability of the dyes in the bath, prevents agglomeration. 6. Permits level dyeing's under critical dyeing conditions. 7. Improves in-out levelness in dyeing on circulating liquor machines. 8. Suitable for levelling faulty dyeing's.	Special Anionic surface active agent	Anionic
10	7	DYLEV-SLM	Dylev-SLM is a levelling agent for high temperature dyeing of polyester fiber / fabric	1. Excellent migration property to the dyes used and therefore eliminates uneven dyeing. Time required in raising the temperature is reduced. 2. In dyeing texturized polyester knit & woven fabric it shows an outstanding covering property to eliminate barre' effect. 3.It does not produce any adverse effect on the light fastness nor does it adversely affect the subsequent treatment. 4. Ecofriendly, APEO / NPEO free.	Special Anionic surface active agent.	Anionic
11	8	DYLEV-7380	Dylev-7380 is a low odor carrier for dyeing of polyester, polyester blends, cationic dye able PES and blends	1. Low odor in application. 2. Produces no odor on 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. 5. Is also suitable in dyeing at temperatures of 120-130°C. 6. Is particularly useful when dyeing polyester / wool blends because of low cross-staining on wool with disperse dyes.	Based on aromatic imides	Anionic
12		Dylev PES ECO	It is a unique multi-functional product for dispersing & leveling of disperse dyes on substrates like polyester fibers, yarns and fabrics	1. In the heating phase Dylev-PES-ECO liquid prevents too rapid exhaustion of the disperse dyes onto the polyester fibres. 2. Promotes the fine 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 machines 4. The dyeing is therefore level already 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.	Linear polycondensate	Anionic
13		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 FWAs by the HT process. Dyeing the polyester component of polyester/cellulosic blends by the HT process.	1. Pronounced dispersing properties. 2. Very good leveling effect. 3. Prevents filtration of dyestuffs. 4. Does not increase the AOX content of waste water. 5. Readily soluble in water. 6. Pumpable.	Aryl polyglycol ether derivative	Anionic
14	10	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.	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.	Blend of specialty surfactants	Anionic
15	11	DEFOAM-337	Defoam-337 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. Tests 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	Nonionic

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16	12	REDUCIT–ECO / Conc	Reducit-ECO-Conc is developed as reducing agent, to be applied in the cooling dye bath at acidic pH.	1. In a cooling acidic 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 Reducit-ECO-Conc, alkalizing the bath or preparing a fresh post-clearing bath is no longer necessary nor is it necessary to re-acidify 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
17	14	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	1. Excellent sewability. 2. Reduces coefficient of friction. 3. Efficient for high speed sewing line. 4. Improved production efficiency. 5. Improved luster.	Blend of polysiloxane and waxes	Non-ionic
18	15	PROFINISH-TS-GT	Profinish-TS-GT 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. Napping softener	1. Designed for application by padding & exhaust methods in short liquor jets. 2. It maintains gloss. 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 tear strength & abrasion resistance of resin finished goods and the effect on raised goods. 8. It eases needle penetration considerably when needling non-woven and felts. 9. It is low-foaming, therefore suitable for application in jets.	Emulsion of modified amino siloxane	Weakly cationic / non-ionic
19	16	Textile Finisher-EXL-N	Textile Finisher-EXL is a cationic reactive high molecular elastomer developed for application on dyed & printed knit & woven blended fabrics. It imparts a slick soft handle with bulkiness.	1. It imparts a soft slick handle with bulkiness on synthetics & their blends. 2. Its substantivity makes it an excellent softener for wool, cotton viscose & their blends with synthetics. 3. It imparts surface smoothness on wool & silk 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 bath stable & has a slight leveling effect & hence can be used as dyebath softener, lubricant & antistat.	Nitrogenous compound	Cationic
20	18	GLOGARD-STU-CONC	Glogard-STU-Conc is an organo phosphorous compound for wash 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 laundering 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

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21	19	GLOGARD-PES-X	Glogard-PES-X is a phosphorus based flame retardant for polyester in exhaust. It is applicable for 100% polyester and its blend with cellulosic, especially blends with wool. It is free from solvents and bromine.	1. It imparts durable flame retardancy when applied during the dyeing process. 2. Can be used in combination with fluorescent whitening agents. No discoloration of white fabrics. 3. Provides a soft and non-greasy handle. 4. It is suitable for loose stock, yarn or piece application at high temperature or atmospheric conditions. 5. To obtain flame retardant properties it can be added to the dyebath. This can be with or without the dyes. 6. No risk of shade change due to extra thermofixation. 7. It is recommended to use Modlev-DPO (Disperser) to ease and ensure an evenly emulsification of the Glogard-PES-X 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-PES-X and Modlev-DPO.	Based on phosphorus	Non-ionic
22	20	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 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. 5. It imparts a durable, non-hygroscopic, non-corrosive, non-plasticizing & thermally stable flame retardant properties on synthetics and blended technical textiles, compliant with global FR standards like MVSS 302. 6. This finish is stable to the outdoor exposure i.e. UV radiation, heat & humid aging	Acrylic binders & ammonium salt additives	Anionic
23	21	Aquarepel XC-630-ECO	Aquarepel-XC-630-ECO is C6 chemistry based fluorocarbon concentrated product for technical articles and synthetic based fibers for water, oil and alcohol-repellent effects.	1. Main application areas are textiles made of synthetic and cellulosic fibers and their blends 2. It offers high washing durabilities by using a blocked isocyanate. 3 It belongs to a generation of high LAD (laundry 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
24	22	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-repellent effects.	1. 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
25	23	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.	1. It has superior adhesive with various kind of materials, particularly with the resin materials(polyester, vinyl chloride, polycarbonate) & the metallic materials(Aluminum, copper) 2. Superior adhesive & cohesive property 3. Minimum loss in elongation & it has abrasion resistance properties. 4. Better surface smoothness & softness after sizing 5. Less dropping and lesser warp breaks 6. Superior weather resistance, since it does not contain double bond in its saturated polyester resin. 7. Forms transparent film after drying.	Polymeric Polyester Resin	Anionic
26	24	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 repelling and pin-holes during coating, provides soft yet strong and high extension characteristics, also provides stretch-back property of polyurethane's characteristics	1. Excellent heat stability and against hydrolysis. 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. 5. Abrasion, flexibility, etc. is excellent and provides very soft hand.	Water dispersion polyurethane resin	Weakly Anionic
27		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.	1. It has superior adhesive with various kind of materials, particularly with the resin materials(polyester, vinyl chloride, polycarbonate) & the metallic materials(Aluminum, copper) 2. Superior adhesive & cohesive property 3. Minimum loss in elongation	Polyester resin dispersion	Anionic

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28		AQUACOAT-AFA	A water soluble polyester co-polymer resin which acts as anti-fraying agent	1. It has superior adhesive & cohesive property with various kind of materials, particularly with the resin materials (polyester, 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 polyester resin. 4. Forms transparent film after drying.	Polymeric Polyester Resin	Anionic