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1				PAINT COATING		
2	Sr. No.	Product Name	Product Description (few lines)	Features & Benefits (4-5 pointers)	Chemical Base	Ionic Character
3	1	Modlube-MX-100	For emulsion polymerisation Acrylic, Vinyl, Butadines and Styrene	1. An excellent emulsifier and dispersant for pigments and resins. 2. Easily soluble in water in all proportions to give neutral solutions and solvents like Acetone, IPA, Ethyl alcohol, Benzene etc. 3. - It is used as a dispersant in pigment emulsions, dye dispersions, printing ink and emulsion polymerization. 4. - It has multiple action properties like wetting, dispersing, emulsifying etc. hence can be used in various industries successfully.	Alkyl Phenoxy Polyethanoxyl Ethanol	Nonionic
4	2	Modlube-MX-150	Modlube-MX-150 is a non-ionic emulsifier, co-emulsifier and post polymerization additive.	1. It shows good stabilizing properties in dispersions and emulsions. 2. The product tends to increase latex particle size and contributes to freeze thaw and mechanical stability 3. An Emulsifier in the preparation of acrylic emulsion. 4. An Emulsifier in the preparation of pigment paste.	Alkyl Phenoxy Polyethanoxyl Ethanol	Nonionic
5	3	Modlube-MX-300	Modlube-MX-300 is a non-ionic emulsifier for vinyl acetate and acrylic emulsion polymerization.	1. It is recommended as emulsifier for vinyl acetate and acrylic emulsion polymerization. 2. It can also be used as surfactant in high temperature or high electrolyte application	Alkyl Phenoxy Polyethanoxyl Ethanol	Nonionic
6	4	Modlube-MX-200	Modlube-MX-200 is an emulsifier for emulsion polymerization	1. Modlube-MX-200 can be used as emulsifier for vinyl acetate and acrylic emulsion polymerization.	Alkyl Phenoxy Polyethanoxyl Ethanol	Nonionic
7	5	Modlube-MX-400	Modlube-MX-400 is an emulsifier for emulsion polymerization	1. Modlube-MX-400 can be used as emulsifier for vinyl acetate and acrylic emulsion polymerization.	Alkyl Phenoxy Polyethanoxyl Ethanol	Nonionic
8	6	Modlube-MX-405	Modlube-MX-405 is a co-emulsifier for manufacturing of emulsion polymers of vinyl acetate acrylic and styrene acrylic homo and co-polymers.	1. Is suited for producing of polymer dispersions with excellent mechanical stability and high resistance to electrolytes.	Alkyl Phenoxy Polyethanoxyl Ethanol	Nonionic
9	7	Modlube APF	Modlube-APF highly effective as a dispersant, emulsification, wetting applications. Being APEO free it is an excellent substitute for Alkyl Phenol based Ethoxylates (such as NP 9.5).	1. Disinfectants for Leather, Textile, Paper, paints & Building products industry 2. Modlube-APF is readily compatible with dyes, pigments, protective colloids, thickeners and other substances with a molar mass in the upper range.	Fatty Ester	Nonionic
10	8	PROSURF-UD-790	Prosulf-UD-790 wide range of applications and used as emulsifier and surfactants in various industries like textile, automotive, paint, etc.	1. Excellent wetting properties. 2. Very effective emulsifier and dispersant. 3. Compatible with the non-ionic, anionic and cationic ingredients of the formulation, 4. Improves the absorbency of the dye into cotton during bleaching. 5. Readily biodegradable.	Alcohol-C11, ethoxylated	Non-ionic
11	9	PROSURF-TSP-16	Prosulf-TSP-16 is a non-ionic surfactant that can be used as an emulsifier or dispersant in a variety of agricultural formulations.	1. It is used for emulsion polymerization & pigments emulsion. 2. It has excellent emulsion stabilizer, high HLB emulsifier & dispersant agent. 3. It can be used as non-ionic emulsifiers or dispersants in a variety of agricultural formulations, including suspension concentrates, emulsifiable concentrates and micro emulsions. 4. It supplements the emulsifying agents, and dispersant commonly used in O/W paints.	Tristyrylphenol ethoxylates	Non-ionic
12	10	PROSURF-TA	Prosulf-TA functions as a surfactant, wetting agent solubilizer in textile processing, anti-corrosion agent in oil & gas, and adjuvant in agrochemicals	1. It finds applications in leather and textile processing aids, paints, inks, cosmetics, petroleum products, metal treating, synthetic fiber manufacture and production of paper and plastic products as emulsifiers, dispersants, wetting agents and dye leveling agents. 2. It adsorb strongly to most metal, fiber and mineral surfaces, which makes them useful as corrosion inhibitors, softeners, anti-static agents and adhesion promoters. 3. It can be used in formulating emulsifier blends. 4. It is miscible with cationic and anionic surfactants and used as adjuvant in pesticide and herbicide formulation.	Tallow amine ethoxylate	Non-ionic
13	11	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, chemical-technical and cosmetic industries.	1. Soaps (Toilet and Laundry). 2. Cosmetic and Personal Care products. 3. Dyes and pigments, Paints. Rubber and tyre, Leather. 4. Institutional cleaners. 5. As an additive to cement concrete. 6. Synthetic detergent (Powder, Bars / Cakes and Liquid). 7. Textile chemicals. 8. Agriculture chemicals and pesticides formulations (EC and WDP). 9. Emulsion polymerization (PVC / PVA / Polyacrylates / Styrene).	Alkyl Aryl Sulphonate	Anionic

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14	12	PROSURF-TO-89	Prosurf-TO-89 is a non-ionic surfactant for detergents and cleaners, and for the chemical and allied industries	1. Prosurf-TO-89 to be used in dilute solutions to give better results. 2. It can form fairly stiff gels at certain concentrations when water is added. 3. The rates at which the Prosurf-TO-89 dissolves can be increased by adding alcohols, glycols and other solubilizers. 4. It finds its use in the following: - Laundry detergents. - Cleaners, Household cleaners. - Neutral & Acid cleaners. - Neutral metal cleaners. - Emulsification. - Dispersing & Wetting. - Leather, Paper, Paint and Building products industries.	Fatty alcohol alkoxylated	Non-ionic
15	13	Modwet-OTS	Powerful anionic wetting and rewetting agent	1. It is a highly efficient and economical wetting cum rewetting agents. 2. is used in the paint industry as a wetting agent, dispersant, and penetrating agent	Alkyl Sulphsuccinate high active-high purity	Anionic
16	14	Modwet-OTL	Powerful anionic wetting and rewetting agent	1. It is a highly efficient and economical wetting cum rewetting agents. 2. is used in the paint industry as a wetting agent, dispersant, and penetrating agent	Alkyl Sulphsuccinate	Anionic
17	15	Defoam NDW	Non-silicone defoamer for latex paint systems based on Butadiene-Styrene, Acrylic & Polyvinyl Acetate emulsions.	1. Contributes excellent brushability, does not cause fish-eyes and has no effect on the final film. 2. 4paint film.	Mineral oil fatty acid derivative	Nonionic
18	16	Defoam-NXZ	Non-silicone defoamer for latex paint systems based on Butadiene-Styrene, Acrylic & Polyvinyl Acetate emulsions.	1. Contributes excellent brushability, does not cause fish-eyes and has no effect on the final film. 2. 4paint film.	Mineral oil fatty acid derivative	Nonionic
19	17	Defoam YK-22	Defoam-YK-22 is a compound type of efficient defoamer with 100% effective content and does not affect the luster of the system. It is recommended for coating (waterborne industrial coating, waterborne wood paint, etc.), waterborne ink, waterborne adhesive, etc.	1. The particularly suitable for pigmented high gloss emulsion systems based on styrene acrylate, acrylate or acrylate/polyurethane with a pigment volume concentration of 18-25. Also effective against microfoam. 2.	Mixture of foam destroying polysiloxanes and Hydrophobic solids in polyglycol	Nonionic
20	18	Defoam-TBP	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 cellulose based plastics 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. 5. It can also be used as a defoaming agent.	Phosphoric acid tri-n-butyl ester	Nonionic
21	19	Modlube-ALK	Wetting agent and emulsifier	1. Soaps (Toilet and Laundry). 2. Cosmetic and Personal Care products. 3. Dyes and pigments, Paints. Rubber and tyre, Leather. 4. Institutional cleaners. 5. As an additive to cement concrete. 6. Synthetic detergent (Powder, Bars / Cakes and Liquid). 7. Textile chemicals. 8. Agriculture chemicals and pesticides formulations (EC and WDP). 9. Emulsion polymerization (PVC / PVA / Polyacrylates / Styrene).	Alkyl Aryl Sulphonate	Anionic
22	20	Modlube MX-301	Anionic wetting, dispersing agent for pigment dispersion	1. Modlube-MX-301 is an anionic surfactant that exhibits high degree of surface activity and is recommended for wetting detergency along with Modlube-MX-100 (Non-ionic Surfactant) and used an emulsifier polymerization.	Sulphated Ethoxylated Polyether	Anionic
23	21	Modfor R-610	Modfor-R-610 is used as an emulsifier in emulsion polymerization	1. Used as an emulsifier in emulsion polymerization. 2. Used as an anionic wetting / detergent where stability at high caustic concentration is desired.	Alkyl Aryl Polyether Phosphate	Anionic
24	22	Modfor KPS	Emulsifier for various industry like pesticide, paint etc.	Modfor-KPS-SPL is anionic surfactant with excellent dispersing and emulsifying properties	Salt of alkyl benzene sulphonate	Anionic
25	23	Saniguard 7500	Saniguard-7500 is a potent Anti-Bacterial, Anti-Viral, Anti-Fungal, Anti-Mold, Anti-Yeast & Anti-Biofilm. It is a broadspectrum, non-leaching, non-toxic, durable antimicrobial. It is hydrophobic, non-migrating & is not consumed by microorganisms.	It is successfully used on all class of substrates i.e. Textiles, Plastics, Metal, Rubber, Ceramics, Paper, Wood, Glass, Paints, Resin, concrete, Cement Surfaces, Grouts, Porcelain, Synthetic Polymers etc.	Silane quat ammonium compound	Cationic

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26	24	SANIGUARD-ICU	Saniguard-ICU is a potent Anti-Bacterial, Anti-Viral, Anti-Fungal, Anti-Mold, Anti-Yeast & Anti-Biofilm. It is a broadspectrum, non-leaching, non-toxic, durable antimicrobial for fibers & fabrics. It provides hygienic freshness. It resists odors through chemical protection	<p>It is a water-based, contains no harsh solvents. Non-flammable.</p> <ol style="list-style-type: none"> 1. Bleach-free & alcohol-free. Will not leach or wash off once applied. 2. It can be used on almost any surface and are tailored for consumer packaged goods and remediation as effective, user-friendly, end-use products. 3. It is effective against gram positive and gram-negative bacteria, fungi, viruses, Mold, algae & yeasts. Thus provides broad spectrum microbial inhibition on treated fabrics. 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 is successfully used on all class of substrates i.e. Textiles, Plastics, Metal, Rubber, Ceramics, Paper, Wood, Glass, Paints, Resin, Concrete, Cement Surfaces, Grouts, Porcelain, Synthetic Polymers, furniture, cushions, umbrella, etc. It is one-step disinfectants and antimicrobial cleaners for hospitals, schools and homes. 	Silane quat ammonium compound	Cationic
27	25	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.	<ol style="list-style-type: none"> 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. <u>Forms transparent film after drying.</u> 	Polymeric Polyester Resin	Anionic
28	26	Saniguard-BT	Saniguard-BT is a formaldehyde free benzisothiazoline based preservative for the wet-state preservation of wide range of formulations, particularly those with an alkaline pH. It is biodegradable and Eco-Friendly product.	<ol style="list-style-type: none"> 1. Synthetic Polymer emulsions. 2. Emulsion paints (In-Can Preservations). 3. Water based Adhesives & Glues (based on starch, dextrin and cellulose derivatives). 4. Glues based on casein. 5. Aqueous Printing Inks. 6. Font Solutions. 7. Paper coating composition. 8. Aqueous mineral & pigment slurries. 9. Starch slurry. 10 Textile & Leather auxiliaries. 11. Industrial Enzymes. 	Formulation of 1, 2-benzisothiazolin-3-one (BIT)	Nonionic