

| Product Name      | Product Description (few lines)                                                                                                                                                                                                                                                                                                                                                                 | Features & Benefits (4-5 pointers)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Chemical Base                                     | Ionic Character |
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| DYRETARD-ACR      | Dyretard-ACR is developed as retarding & leveling agent for the dyeing of polyacrylonitrile fibers with cationic dyestuffs. Levelling of faulty dyeing's.                                                                                                                                                                                                                                       | 1. High levelling power of cationic dyestuffs.<br>2. Improves the migration of the basic dyestuffs.<br>3. Intensified dye take up only after reaching the dyeing temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Quaternary ammonium compound                      | Cationic        |
| DYRETARD-PAN      | Dyretard-PAN is a retarding & leveling agent for the dyeing of polyacrylonitrile fibers with cationic dyestuffs                                                                                                                                                                                                                                                                                 | 1. High leveling power of cationic dyestuffs.<br>2. Improves the migration of the basic dyestuffs.<br>3. Intensified dye take up only after reaching the dyeing temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Quaternary ammonium compound                      | Cationic        |
| DYRETARD-ANI      | Dyretard-ANI is a retarding & leveling agent for the dyeing of polyacrylonitrile fibers with cationic dyestuffs & cationic dyeable polyester fabric                                                                                                                                                                                                                                             | 1. Suitable for all types of cationic dyestuffs.<br>2. High leveling power of cationic dyestuffs for polyacrylonitrile & polyester fabric<br>3. Improves the migration of the basic dyestuffs.<br>4. Intensified dye take up only after reaching the dyeing temperature.                                                                                                                                                                                                                                                                                                                                                         | Quaternary ammonium compound                      | Cationic        |
| PROFINISH-LU/CONC | Profinish-LU-Conc 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.<br>2. High resistance to alkali and electrolytes.<br>3. Suitable for application on jet dyeing units (cationic and anionic liquors).<br>4. Can be diluted with cold water, forms stable stock solutions.<br>5. For cellulosic fibers, wool, acrylics, polyamide, polyester and blends of these fibers.<br>6. For use in pretreatment, dyeing and after treatment.<br>7. Low foaming. Stable temperatures up to 135°C.                                                                                                                                                                                            | Fatty acid ester preparation                      | Non-ionic       |
| PROFINISH-L       | Profinish-L is an anionic crease preventing agent / dyebath lubricant for woven and knitted fabrics. It is non-foaming and is suitable for jet dyeing units                                                                                                                                                                                                                                     | It is used for cellulosic fibers, wool, polyamide, polyester and blends of these fibers.<br>1. It is used in pretreatment, dyeing and after treatment.<br>2. Suitable for jet application.<br>3. Stable at temperatures up to 135°C.<br>4. Good stability to alkali and electrolytes.<br>5. Low foaming.                                                                                                                                                                                                                                                                                                                         | Fatty sulphonate preparation                      | Anionic         |
| LUBASSIST-109-ECO | Lubassist-109-ECO is an anionic crease preventing agent / dyebath lubricant for woven and knitted fabrics. It is non-foaming and is suitable for jet dyeing units.                                                                                                                                                                                                                              | 1. It is used for cellulosic fibers, wool, polyamide, polyester and blends of these fibers.<br>2. It is used in pretreatment, dyeing and after treatment.<br>3. Suitable for jet application.<br>4. Stable at temperatures up to 135°C.<br>5. Good stability to alkali and electrolytes.<br>6. Low foaming.                                                                                                                                                                                                                                                                                                                      | Fatty sulphonate preparation                      | Anionic         |
| PROFINISH-AC      | Profinish-AC is an excellent antistatic, softening & lubricating agent for synthetic & their blended fabrics. It imparts a soft bulky hand coupled with excellent static dissipation & lubricity. It eliminates yarn breakage, fly & piling in the knitting process. It is a durable non-yellowing & substantive agent recommended for Acrylics, polyester, polyamide cellulosic & their blends | 1. Non-yellowing scorch resistant anti-stat & lubricant for synthetics.<br>2. A very soft warm bulky & non-greasy handle.<br>3. Improved tear strength, abrasion resistance, wrinkle recovery & sewability.<br>4. Promotes knit processing by reducing yarn breakage, fly & piling.<br>5. No influence in dyeing properties of acrylic fibers with cationic dyes.<br>6. No retarding action on cationic dyes & does not block their exhaustion.<br>7. Does not promote filtration even on tight materials.<br>8. Applicable by pad, exhaust & spray methods.<br>9. Durable finish stable to several washing & laundering cycles. | Fatty acid Polyamine condensate                   | Cationic        |
| Modfinish PNLI    | Modfinish-PNLI is a cation-active, substance feel modifier for synthetic fibers and their blends with wool and cellulosic fibers. Specially suitable for acrylics                                                                                                                                                                                                                               | 1. - Full, smooth, soft handle effects can be obtained with Modfinish-PNLI on synthetic fibers and their blends with wool and cellulosic fibers.<br>2. - According to the amount applied, this softener produces a voluminous handle on acrylic high bulk yarns. It is also suitable as a lubricant in spinning preparations.                                                                                                                                                                                                                                                                                                    | Fatty acid amide derivative in aqueous dispersion | Cationic        |

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| 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                                                                                   | <ol style="list-style-type: none"> <li>1. Sewing threads and yarns of any given fiber glides smoothly when treated with Profinish-UK, which makes for easier and more rapid sewing.</li> <li>2. Excellent lubricating and softening effect let you process knitting job smoothly.</li> <li>3. It improves sewing behavior of finished cotton fabric.</li> <li>4. The antistatic property of Profinish-UK provides sufficient protection and so no special agent to be applied with this agent.</li> <li>5. In the production of calendared 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.</li> </ol> | Fatty acid condensation product                       | Cationic                    |
| Powersil HM Plus(Biobased) | Silicone softener for imparting excellent softness and luxurious surface smoothness, hydrophilic and antistatic properties to all kinds of fabrics.                                                                                                 | <ol style="list-style-type: none"> <li>1. Offers softness along with hydrophilicity to cotton and other natural fabrics. Extremely useful for application on terrytowels and clothes in intimate contact with body. Offers excellent anti-static properties</li> <li>2. does not cause any yellowing on white fabrics.</li> <li>3. Helps garments keep their shape during washing, drying and wearing</li> <li>4. It complies with cyclic (D4, D5, D6) contents of below 1000 ppm.</li> <li>5. Emulsified using plant based fatty alcohols ethoxylates</li> </ol>                                                                                                                                                                                                                 | Emulsion of modified amino siloxane                   | Weakly cationic / Non-ionic |
| POWERSIL-HFS               | Powersil-HFS 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. | <ol style="list-style-type: none"> <li>1. Treated fabric exhibits fluffy smooth slick feel on polyester mink, rugs, fleece, chenille fabrics.</li> <li>2. Shear stable hence suitable in application in high turbulence equipment's like JET, Soft flow machine etc.</li> <li>3. Suited for all type of fabrics especially polyester &amp; polyester rich blend</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                        | Block amino silicone emulsion                         | Weakly cationic / Non-ionic |
| POWERSIL-SSX               | Powersil-SSX 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  | <ol style="list-style-type: none"> <li>1. Treated fabric exhibits fluffy smooth feel.</li> <li>2. Shear stable hence suitable in application in high turbulence equipment's like JET, Soft flow machine etc.</li> <li>3. Suited for all type of fabrics especially polyester &amp; polyester rich blend</li> <li>4. Treated fabric exhibits fluffy smooth slick feel on polyester mink, rugs, fleece, chenille fabrics.</li> </ol>                                                                                                                                                                                                                                                                                                                                                | Emulsion of siloxane & silicones, polyether           | Weakly cationic / non-ionic |
| 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                                                                                    | <ol style="list-style-type: none"> <li>1. Treated fabric gives excellent smooth fluffy and greasy surface on all type of fabrics fluffy</li> <li>2. Shear stable hence suitable in application in high turbulence equipment's like JET, Soft flow machine etc.</li> <li>3. Suited for all type of fabrics especially polyester &amp; polyester rich blend.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                             | Block silicone                                        | Weakly cationic / non-ionic |
| POWERSIL-360               | Powersil-360 is a power packed softener & hand modifier based on proprietary engineered hybrid polysiloxane & APEO free surfactants.                                                                                                                | <ol style="list-style-type: none"> <li>1. Suitable for all kinds of fabric especially cotton woven &amp; denim garments &amp; fabric. It gives excellent surface smoothness on Polyester wool, acrylic &amp; woolen fabrics</li> <li>2. It imparts a typically soft, waxy, peaches type handle to fabrics.</li> <li>3. Benefits wash wear performance. Suitable for padding and exhaust method.</li> <li>4. Provides good surface smoothness.</li> <li>5. Treated fabric gives least amount of thermo migration in polyester fabrics.</li> <li>6. Improves color depth &amp; brightness of treated fabric.</li> </ol>                                                                                                                                                             | Urethane pre-polymer composition & specialty silicone | Weakly cationic             |