

Product Name	Product Description (few lines)	Features & Benefits (4-5 pointers)	Chemical Base	Ionic Character
SUPER SOFT SIN	Supersoft SIN is a silicone emulsion of a special organo modified block poly siloxane. It imparts extremely soft, silky, smooth handle on all types of fabric especially cellulosic fabrics. Powersil-2150-R penetrate deep into the fiber bundle giving a luxurious soft handle.	1. Gives excellent soft, smooth & elastic handle on all types of cellulosic 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.	Modified polysiloxane & specialty	Non-ionic
SUPER SOFT LUS	Super Soft LUS is highly effective high performance macro emulsion of reactive organo modified polysiloxane, for permanent finish on all types of fabric substrates. Super Soft LUS treated fabric exhibit excellent soft & smooth handle on all types of fabric.	1. Gives excellent soft, smooth handle on all types of fabrics especially high value fabric. 2. Improves sewability, crease recovery & tensile strength of the fabric. 3. Give extremely smooth gold finish on polyester, cotton knit, cotton lycra & PC knit fabrics 4. Improves the stretch & recovery capacity of knit goods. 5. Improves tear strength & reduces abrasion loss. 6. Effects are fast to washing & dry cleaning	Modified polysiloxane	Non-ionic
DB 100	DB 100 is non-ionic emulsion formulated with a polydimethylsiloxane. It is an extremely stable, water-thinned emulsion commonly used as Dry Feel. It has Good lubricity, easy release, high-temperature stability of silicone fluid, low volatility of silicone fluid, chemical inert and is water dispersible.	1. Gives excellent dry soft handle to the synthetic fabric. Treated synthetic fabric have crispy handle. 2. Good compatibility with other finishing ingredients. 3. May improve gloss and brightness. 4. Resistance to scorching, yellowing, water spotting and chlorine damage. 5. Minimal swelling on fiber and rubber & reduce tackiness. 6. Acts as lubricant or mold release agent for easy stripping. 7. Release agent for manufacturing rubberized belts & in printing industry. Lubricant to prevent wear & increase abrasion resistance to latex rubber.	Functional polysiloxane	Non-ionic
EX RCS	A softener & comfort finish, based on proprietary quat.	1. Fluffy (cottony) non-greasy softness with full natural handle. 2. Excellent water absorbency & rapid moisture transport durable to multiple cycles of laundering. 3. Excellent surface smoothness with good interfibre lubricity and flexibility.	Modified quaternary compound	Cationic
ALAROMA Microencapsulated	Microencapsulated fragrance for textile application.	Fragrance & Aroma- Chemicals Antimicrobials (Antifungals, Anti-Mite, Anti-Bacterial, Antivirals) Oil Soluble Vitamins Phase Change Polymers UV Blockers Pesticides Self-Healing Polymers	Dispersible aminoblast capsule slurry with acrylates	Weakly Anionic
ALAROMA-SOFT	Fabric conditioner cum softener	1. Long Lasting Fragrance: Clothes remain fresh and fragrant for up to 14 days after washing. 2. Softness: Comfort smoothes the fibers, thereby providing them with a rich softness that makes 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
ALAROMA-SOFT-CS	A conditioner that ensures your clothes get the care they deserve. Treated garments achieves soft 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 washing. 2. Softness: Comfort smoothes the fibers, thereby providing them with a rich softness that makes 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

AQUASORB-TT	A highly concentrated hydrophilic softener & comfort finish, based on proprietary quat.	<ol style="list-style-type: none"> <li>1. Fluffy (cottony) non-greasy softness with full natural handle.</li> <li>2. Excellent water absorbency &amp; rapid moisture transport durable to multiple cycles of laundering.</li> <li>3. Excellent surface smoothness with good interfibril lubricity and flexibility.</li> <li>4. Excellent ozone fade inhibitor for Indigo dyed Denim fabric &amp; garments. Prevents atmospheric oxidation of indigo dyes &amp; thus retains Dye shade &amp; its brightness &amp; excludes it.</li> </ol>	Modified quaternary compound	Cationic
AQUASORB-SR	It imparts durable soil release & anti-soil re-disposition properties to 100% polyester, nylon & its blends	<p>Finishing polyester, nylon fabrics with Aquasorb-SR improves:</p> <ul style="list-style-type: none"> <li>-Antistatic properties</li> <li>- Soil release</li> <li>- Anti-soil redispersion</li> <li>- Water drop absorption</li> <li>- Wicking</li> </ul>	Polymeric hydrophile	Non-ionic
AQUASORB-TT	A highly concentrated hydrophilic softener & comfort finish, based on proprietary quat.	<ol style="list-style-type: none"> <li>1. Fluffy (cottony) non-greasy softness with full natural handle.</li> <li>2. Excellent water absorbency &amp; rapid moisture transport durable to multiple cycles of laundering.</li> <li>3. Excellent surface smoothness with good interfibril lubricity and flexibility.</li> <li>4. Excellent ozone fade inhibitor for Indigo dyed Denim fabric &amp; garments. Prevents atmospheric oxidation of indigo dyes &amp; thus retains Dye shade &amp; its brightness &amp; excludes it.</li> </ol>	Modified quaternary compound	Cationic
DERMASET-APF	Anti-fibrillation / Anti-pilling Agent. Modifier of cellulose fiber to prevent fibrillation of cellulose fibers & regenerated cellulosic fibers (viscose, rayon, polynosic, cuprammonium rayon, etc.), refined cellulose like tencel, semisynthetic cellulose fiber such as cellulose acetate, diacetate & triacetate, linen fibers etc. without significantly impacting the softness & other physical properties of the fibers	<ol style="list-style-type: none"> <li>1. Dermaset-APF prevents the fibrillation without damaging the softness of the cellulose fibers.</li> <li>2. Uniform dyeing &amp; no patchiness due to removal of fibrillation. Improved efficiency in deep dyeing cellulose fibers and a deep dyeing pretreatment using the same.</li> <li>3. Dermaset-APF gives rich soft bulk on cellulosic &amp; regenerated cellulose like viscose, rayon fabric. Cellulosic fabric appears rich like yarn dyed fabric.</li> <li>4. Reduces pilling &amp; improves abrasion resistance.</li> </ol>	Chlohydrin polyether	Non-ionic
DERNASET-VRT	Anti-fibrillation / Anti-pilling Agent. Modifier of cellulose fiber to prevent fibrillation of cellulose fibers & regenerated cellulosic fibers (viscose, rayon, polynosic, cuprammonium rayon, etc.), refined cellulose like tencel, semisynthetic cellulose fiber such as cellulose acetate, diacetate & triacetate, linen fibers etc. without significantly impacting the softness & other physical properties of the fibers	<ol style="list-style-type: none"> <li>1. Dermaset-VRT prevents the fibrillation without damaging the softness of the cellulose fibers.</li> <li>2. Uniform dyeing &amp; no patchiness due to removal of fibrillation. Improved efficiency in deep dyeing cellulose fibers and a deep dyeing pretreatment using the same.</li> <li>3. Dermaset-VRT gives rich soft bulk on cellulosic &amp; regenerated cellulose like viscose, rayon fabric. Cellulosic fabric appears rich like yarn dyed fabric.</li> <li>4. Reduces pilling &amp; improves abrasion resistance.</li> </ol>	Chlohydrin polyether	Non-ionic
FINISH-BF	A specialty finish which confers durable firm & full handle (body) or guffiness to fabrics	<ol style="list-style-type: none"> <li>1. Gives cottons, polyesters &amp; blends a full bodied, firm &amp; smooth handle which is typical of expensive fabric materials. On viscose &amp; polyester-viscose suiting's, shirting &amp; dress material. Imparts excellent body, smoothness &amp; drape without stiffness.</li> <li>2. Particularly suitable in finishing of coarse cotton poplins &amp; sheeting's to obtain the handle of superior varieties. Has no yellowing effect on white fabrics.</li> <li>3. Does not cause dulling or shade change, which is encountered with conventional hand modifying agents.</li> </ol>	Specialty surfactants & soft acrylic	Weakly anionic

PERMAFIN-AO	Permafin-AO is a new generation softener and lubricant for all types of fabric substrates. It imparts excellent softness, greasy-soapy 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. 3. It improves abrasion, tear & ozone protection. 4. It offers enhance antistatic properties, which help control static build up during processing	Amide siloxane	Cationic
PROFINISH-2091	Profinish-2091 is a non yellowing softening agent for softening effects on cellulosic and their blends.	1. Pourable 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, reeling, knitting etc. 5. Minimal effect on the light fastness & shade of dyeing's & prints. 7. Resistant to dry heat up to about 215°C.	Carboxylic acid amide derivative	Cationic
PROFINISH-2091/CONC	Profinish-2091 /conc is a non yellowing softening agent for softening effects on cellulosic and their blends.	1. Lumps 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, reeling, knitting etc. 5. Minimal effect on the light fastness & shade of dyeing's & prints. 7. Resistant to dry heat up to about 215°C.	Carboxylic acid amide derivative	Cationic
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.	1. Gives excellent softness & smoothness to all type of fabric substrates. 2. Improves the mechanical properties of fibres in subsequent processes such as drafting, winding, reeling, knitting etc. 3. Increases the elasticity of textured polyamide crimped yarn. 4. Minimal effect on the light fastness & shade of dyeing's & prints. 5. Improves sewability.	Fatty acid derivative	Cationic
PROFINISH-HIS	Profinish-HIS is a hydrophilic softener for cellulosic fibers, especially for terry goods, underwear or sportswear that require a good absorption, jet-stable. Antistatic softener for synthetic fibers	1. No influence on existing hydrophilic fabric properties. Enhances the absorbency of terry towel when used along with hydrophilic silicone emulsions. 2. Affinity for the fiber. 3. Applicable in exhaust or pad processes. 4. Low-foaming & Jet-stable. 5. Resistant to hardness. 6. High salt resistance.	Quaternary amine tetra-alkyl ammonium sulfate	Cationic
PROFINISH-HIS/Conc	Profinish-HIS-Conc is a hydrophilic softener for cellulosic fibers, especially for terry goods, underwear or sportswear that require a good absorption, jet-stable. Antistatic softener for synthetic fibers.	1. No influence on existing hydrophilic fabric properties. Enhances the absorbency of terry towel when used along with hydrophilic silicone emulsions. 2. Affinity for the fiber. 3. Applicable in exhaust or pad processes. 4. Low-foaming & Jet-stable. 5. Resistant to hardness. 6. High salt resistance.	Quaternary amine tetra-alkyl ammonium sulfate	Cationic
PROFINISH-ISK	Profinish-ISK is a fine dispersion of high density aliphatic polyolefin (Hard polyethylene wax) & silicone. It is a handle modifier and sewability improver for textile goods of all types	② Maintains gloss. ② Decreases coefficient of friction. 1. Enhanced rub & scratch resistance. 2. High melting point. 3. Distinctly improves the sewability of woven and knitted fabrics. 4. Produces a very soft, smooth handle. 5. Facilitates making up operations. 6. Does not affect the whiteness of brightened goods. 7. Improves the abrasion resistance of resin finished goods. 8. Noticeably improves the effect on raised goods. 9. Eases needle penetration considerably when needling non-woven and felts	Polyethylene emulsion	Non-ionic

PROFINISH-KL-NEW	Profinish-KL-NEW is a softener for cellulosic fibers and their blends with synthetics.	<ol style="list-style-type: none"> <li>Very good softening effects, also on mercerized cotton.</li> <li>No impairment of hydrophilic properties.</li> <li>Promotes mechanical shrinkage of knitwear.</li> <li>Suitable for pretreatment of prints.</li> <li>Suitable for white goods.</li> <li>Improvement of sewability.</li> <li>Application on reactive dyeing's and prints is also possible with pH-values of 6.0 - 6.5.</li> </ol>	Based on quaternary ammonium softener & silicone	Cationic
PROFINISH-LAN	Profinish-LAN is a Softening agent to improve sewability of open-end yarns	<ol style="list-style-type: none"> <li>For cellulosic, wool and blends of these fibers with synthetics.</li> <li>Improves sewability, especially of open-end yarns.</li> <li>Improves the elasticity of knitted fabrics.</li> <li>Extremely smooth, silky handle.</li> <li>Suitable for jet application.</li> <li>Low foaming.</li> </ol>	Fatty acid condensation product/ polyethylene derivative	Cationic
PROFINISH-L-18	Profinish-L-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	<p>It is used for cellulosic fibers, wool, polyamide, polyester and blends of these fibers.</p> <ol style="list-style-type: none"> <li>It is used in pretreatment, dyeing and after treatment.</li> <li>Suitable for jet application.</li> <li>Stable at temperatures up to 135°C.</li> <li>Good stability to alkali and electrolytes.</li> <li>Low foaming.</li> </ol>	Fatty sulphonate preparation	Anionic
PROFINISH-LCS	Profinish-LCS is a concentrated liquid hydrophilic cationic softener dispersible in cold water	<ol style="list-style-type: none"> <li>Preparation of acrylic tow for stretch breaking.</li> <li>Use as softener in dyebath for acrylic fibers and as levelling agent for dyeing process.</li> <li>Softener for cellulose, synthetic, wool and their blends.</li> <li>Use for garment washing and denim finish.</li> <li>Good softener in resin finishing.</li> <li>Good softening agent for non-woven.</li> <li>Highly substantive, strong antistatic effect and imparts treated goods with a soft, smooth handle, while it does not adversely affect the dye fastness.</li> <li>It shows good stick-glide behavior and improves sewability.</li> </ol>	Quaternary ammonium compound	Cationic
PROFINISH-N-200	Profinish-N-200 is a non-ionic softening agent which gives softening effects on cellulosic and their blends, and on all synthetic fibers with the exception of acrylics	<ol style="list-style-type: none"> <li>Low foaming. Easily handled due to its liquid consistency.</li> <li>Stable to hard water, as well as to concentrations of acids and alkalis normally present.</li> <li>It is compatible with all types of optical brightening agents, and with dyestuffs of all classes.</li> <li>Non-yellowing, even at high drying temperature.</li> <li>Gives excellent softening effects on cellulosic and their blends, and on all synthetic fibers with the exception of acrylics.</li> </ol>	Fatty acid derivative	Non-ionic
PROFINISH-OC	Profinish-OC is a softener for natural and synthetic fibers. Softening of all fiber types, preferably by exhaustion	<ol style="list-style-type: none"> <li>Excellent soft handle on all fibers types, especially on PAN.</li> <li>Outstanding effect from a long liquor when used in small amounts.</li> <li>Improves the mechanical properties of fibers in subsequent processes such as drafting, winding, reeling, knitting etc.</li> <li>Increases the elasticity of textured polyamide crimped yarn.</li> <li>Minimal effect on the light fastness &amp; shade of dyeing &amp; prints.</li> <li>Improves sewability.</li> </ol>	Carboxylic acid amide derivative	Cationic
PROFINISH-OE	Profinish-OE is a softening agent to improve sewability of open-end yarns	<ol style="list-style-type: none"> <li>For cellulosic, wool and blends of these fibers with synthetics.</li> <li>Improves sewability, especially of open-end yarns.</li> <li>Improves the elasticity of knitted fabrics.</li> <li>Extremely smooth, silky handle.</li> <li>Suitable for jet application.</li> <li>Low foaming.</li> </ol>	Fatty acid condensation product/ polyethylene derivative	Cationic

PROFINISH-PEN	Profinish-PEN 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	<ol style="list-style-type: none"> <li>Maintains gloss.</li> <li>Decreases coefficient of friction.</li> <li>Enhanced rub &amp; scratch resistance.</li> <li>Distinctly improves the sewability of woven and knitted fabrics.</li> <li>Facilitates making up operations.</li> <li>Improves the abrasion resistance of resin finished goods.</li> <li>Noticeably improves the effect on raised goods.</li> <li>Eases needle penetration considerably when needling non-woven and felts.</li> </ol>	Aqueous dispersion of aliphatic polyolefin	Non-ionic
PROFINISH-RWS	Profinish-RWS is a low-foaming hydrophilic specialty softening agent which imparts a very supple, soft feel and lubricity to cellulosic and synthetics. It also significantly increases overall softness and abrasion resistance when applied to woolen fabrics.	<ol style="list-style-type: none"> <li>Gives a silky soft and flowing handle, without impairing water absorbency, to the finished fabric and is particularly suited to toweling, bed-linen, knitted sportswear, hosiery and underwear.</li> <li>Has low foaming tendency and is therefore ideal for application in circulating machines like jet and high-speed winch.</li> <li>Confers an exclusive full and soft natural feel and improves abrasion resistance of wool and wool blends, increasing fabric tear resistance and durability.</li> <li>Shows good resistance to yellowing of whites and dulling of bright colors even when finished goods are subjected to heat treatment or prolonged storage.</li> <li>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 ironing.</li> </ol>	Blend of non-ionic and cationic ethoxylated esters	Weakly cationic
PROFINISH-SHD	Profinish-SHD is cationic sewability improver for textile fabrics of cellulosic, synthetic or wool fibers and their blends	<ol style="list-style-type: none"> <li>Specially designed for application by the exhaust method in short liquor jets.</li> <li>Improves the sewability of textile fabrics, especially knitwear</li> <li>Imparts an excellent soft handle. Facilitates garments manufacture</li> <li>Is easy to handle. Is low-foaming, therefore suitable for application in jets</li> </ol>	Aqueous dispersion of aliphatic polyolefin	Weakly cationic / non-ionic
PROFINISH-SS	Profinish-SS is a hydrophilic softener for cellulosic fibers, especially for terry goods, underwear or sportswear that require a good absorption, jet-stable. It is an excellent antistatic softener for synthetic fibers like polyester, acrylic etc.	<ol style="list-style-type: none"> <li>No influence on existing hydrophilic fabric properties.</li> <li>Affinity for the fiber.</li> <li>Applicable in exhaust or pad processes.</li> <li>Low-foaming &amp; Jet-stable.</li> <li>Resistant to hardness.</li> <li>High salt resistance.</li> <li>Antistatic effect for synthetic fibers.</li> </ol>	Quat softener	Cationic
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.	<ol style="list-style-type: none"> <li>Maintains gloss.</li> <li>Decreases coefficient of friction.</li> <li>Enhanced rub &amp; scratch resistance.</li> <li>Distinctly improves the sewability of woven and knitted fabrics.</li> <li>Facilitates making up operations.</li> <li>Improves the abrasion resistance of resin finished goods.</li> <li>Noticeably improves the effect on raised goods.</li> <li>Eases needle penetration considerably when needling non-woven and felts.</li> </ol>	Polyethylene wax emulsion	Weakly cationic / non-ionic
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>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>Excellent lubricating and softening effect let you process knitting job smoothly.</li> <li>It improves sewing behavior of finished cotton fabric.</li> <li>The antistatic property of Profinish-UK provides sufficient protection and so no special agent to be applied with this agent.</li> <li>In the production of calendered effects the goods are often subjected to heavy friction by the calendered rolls. It protects the fabrics from this mechanical action and so promotes ease of calendering, giving the finished goods with a superior handle.</li> </ol>	Fatty acid condensation product	Cationic

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 used alone as a softener or along with non-ionic softener like Modsoft-L-Conc and or with Silicone Emulsion PMH to give excellent finishing 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
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. 2. A very soft warm bulky & non-greasy handle. 3. Improved tear strength, abrasion resistance, wrinkle recovery & sewability. 4. Promotes knit processing by reducing yarn breakage, fly & piling. 5. No influence in dyeing properties of acrylic fibers with cationic dyes. 6. No retarding action on cationic dyes & does not block their exhaustion. 7. Does not promote filtration even on tight materials. 8. Applicable by pad, exhaust & spray methods. 9. Durable finish stable to several washing & laundering cycles.	Fatty acid Polyamine condensate	Cationic
PROFINISH-HDNI/CONC	Profinish-HDNI-Conc 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 on raised goods. 6. It eases needle penetration considerably when needling non-woven and felts. 7. It is low-foaming, therefore suitable for application in jets.	Aqueous dispersion of aliphatic polyolefin	Weakly cationic / non-ionic
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 on raised goods. 6. It eases needle penetration considerably when needling non-woven and felts. 7. It is low-foaming, therefore suitable for application in jets.	Aqueous dispersion of aliphatic polyolefin	Non-ionic
PROFINISH-M-HD	Profinish-M-HD 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. 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.	Polyethylene wax derivatives	Weakly cationic / non-ionic

PROFINISH-NF	Profinish-NF is a 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. 5. Is low-foaming, therefore suitable for application in jets.	Aqueous dispersion of aliphatic polyolefin	Cationic
PROFINISH-NI-SPL/CONC	Profinish-NI-SPL-Conc is a non-yellowing, non ionic softener ,	1. 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
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.	1. It imparts a soft smooth and pleasing handle to the treated fabrics. 2. It also imparts a silky feel on cotton, rayon silk and their blends.	Fatty acid ethoxylate	Non-ionic
PROFINISH-PE	Profinish-PE is a non-ionic polyethylene emulsion used as softener to give body building properties to the fabrics.	1. 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 finishing properties. 3. Since Profinish-PE is non-chlorine retentive it does not yellow at the baking temperature employed in the finishing process.	Based on non-ionic polyethylene emulsion	Non-ionic
PROFINISH-PHD	Profinish-PHD 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. 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.	Aqueous dispersion of aliphatic polyolefin	Weakly cationic
PROFINISH-POE	Profinish-OE is a softening agent to improve sewability of open-end yarns.	1. For cellulosic, wool and blends of these fibers with synthetics. 2. Improves sewability, especially of open-end yarns. 3. Improves the elasticity of knitted fabrics. 4. Extremely smooth, silky handle. 5. Suitable for jet application. 6. Low foaming.	Fatty acid condensation product/ polyethylene derivative	Cationic
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 white goods. 6. Single-bath application in connection with fluorescent whitening agents. 7. Improvement of sewability.	Based on quaternary ammonium softener & silicone	Cationic

PROFINISH-SVN	Profinish-SVN is fine polyethylene dispersion (Hard polyethylene wax). It improves the sewing performance of the treated knitted fabrics. It has a soft and 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	<p>1. Improve sewing performance: It improves the slip between yarns, thereby improving the sewing performance of knitted and other structured textiles. The fibers or yarns of the treated fabric can slide off the sewing needle very easily, reducing the friction between fibers/metals. This allows the fabric to be easily threaded through the sewing needle without excessive heat generation. As a result, problems such as holes, needle damage, and needle thread breakage on high-speed sewing machines can be largely avoided.</p> <p>2. Feel: It imparts a smooth, smooth, soft hand to the fabric. This kind of performance is not only very popular with garment sewers, but also very popular by consumers. It can also be used in the same bath with other softeners and silicone elastomers to obtain a different feel.</p> <p>3. Effects on white goods: It does not affect the whiteness of brightened fabrics.</p>	Polyethylene dispersion	Non-ionic
PROFINISH-TS-NI	Profinish-TS-NI is a fine dispersion of high density polyethylene wax (Hard polyethylene wax). Non-ionic softener and sewability improver for textile goods for all types of fibers.	<p>1. Eases needle penetration considerably when needling non-woven and felts</p> <p>2. Decreases coefficient of friction.</p> <p>3. Enhanced rub &amp; scratch resistance.</p> <p>4. High melting point.</p> <p>5. Distinctly improves the sewability of woven and knitted fabrics.</p> <p>6. Produces a very soft, smooth handle.</p> <p>7. Facilitates making up operations.</p> <p>8. Does not affect the whiteness of brightened goods.</p> <p>9. Improves the abrasion resistance of resin finished goods.</p> <p>10. Noticeably improves the effect on raised goods.</p>	Polyethylene wax emulsion	Weakly cationic / non-ionic
TRIPLEX-HB	Triplex-HB is a non-ionic self-cross linking polymer emulsion which is used in variety of textile & non-woven textile applications.	<p>1. It has excellent adhesion to a wide variety of substrates and outstanding ultra-violet light resistance.</p> <p>2. It is used in formulating laminating adhesives for bonding a wide variety of substrates.</p> <p>3. Triplex-HB is recommended for use in fabric finishing, pigment printing spray bonding, fiberfill and other non woven fabrics, back coating, adhesive for lamination and paper coating.</p> <p>4. Battery separator stiffening agent, resistance to acid</p>	Acrylic copolymer	Non-ionic / weakly anionic
TRIPLEX-K-60	Triplex-K-60 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.	<p>1. It has an excellent durability while washing and dry cleaning.</p> <p>2. Can also be used as a sizing agent for nylon/polyester and acetate yarn filaments.</p> <p>3. Exhibits excellent adhesion.</p> <p>4. Is also recommended for fabric back coating, fabric finishing and lamination.</p> <p>5. Is a soft durable self-cross linking emulsion for pigment printing on machine and screen.</p>	Cross linked acrylic emulsion co-polymer	Anionic
TRIPLEX-SB	Triplex-SB is an Acrylate based pigment printing binder for direct, discharge & resist printing. It is a free flowing & self-crosslinking Acrylic Co-polymer emulsion with excellent thermal & mechanical stability	<p>1. Production of prints with brilliant prints &amp; excellent standard of fastness including dry cleaning.</p> <p>2. Soft &amp; pleasing handle. Good rubbing fastness results.</p> <p>3. Increase in fabric strength. Resistance to soiling.</p> <p>4. Resistant to wear &amp; abrasion resulting in longer life of fabric.</p> <p>5. Exhibits non-choking &amp; good re-emulsification properties.</p> <p>6. Good fabric bonding.</p> <p>7. Excellent bonding agents for pigment resulting in permanent wash &amp; rub fastness.</p>	Aqueous dispersion of Acrylic polymer	Anionic
TRISTAR-AS	Tristar-AS 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.	<p>1. Has an excellent durability while washing and dry cleaning.</p> <p>2. Can also be used as a sizing agent for nylon/polyester and acetate yarn filaments.</p> <p>3. Exhibits excellent adhesion.</p> <p>4. Is also recommended for fabric back coating, fabric finishing and lamination.</p> <p>5. Is a soft durable self-cross linking emulsion for pigment printing on machine and screen.</p>	Cross linked acrylic emulsion co-polymer	Anionic

TRISTAR-RCT	Tristar-RCT is a pre-catalyzed low-formaldehyde, wash fast resin finishing for woven and knitted fabrics composed of cellulosic fiber and their blends with synthetic.	1. Good dry & wet crease angle. 2. Low shrinking values. 3. No chlorine retention. 4. No garlic like odor 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
TRISTAR-SA	Tristar-SA reduces the drying time and increases the production capacity on 3D machines like Margarita. It increases the gray cast and shiny look on denim together with wrinkle resins.	1. It increases the gray cast and shiny look on denim together with 2D & 3D resins. 2. 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
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 amino 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/viscose fabrics. 4. Imparts excellent resilience to fabrics.	Ether modified polyurethane	Non-ionic
ALLENFINISH-PUR	Ether modified reactive block polyurethane for cellulosic, synthetic fabrics and their blends.	1. Excellent shrink resistance, stretch back and elastic recovery. 2. Elegant softness and voluminous handle. Good tear and tensile strength. 3. High degree of crease resistance. Improves abrasion resistance. 4. High resistant to laundering and dry cleaning. Reduction of pilling. 5. Excellent compatibility with other finishing agents (softeners etc.).	Reactive urethane pre-polymer	Weakly cationic
ALLENFINISH-RPU	A thermoactive polyurethane softener for cellulosic & synthetic fibers.	1. Imparts very soft and voluminous handle. 2. Imparts improved wash and wear properties in combination with cross linking agent. 3. Imparts improved elasticity and crease recovery of cotton knitted goods.	Reactive polyurethane	Non-ionic
PERMAFIN-CO	Permafin-CO is a water soluble reactive type of Polyurethane elastomer recommended for use in the finishing of Cellulosic, Polyester as well as their blends, to impart a soft springy finish to both woven & 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 sunlight 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	Ether modified polyurethane	Weakly cationic
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 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 of resin 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
PERMAFIN-PUA	Permafin-PUA is a textile chemical made from Polyurethane and used widely in textile finishing along with other finishing agents like silicone emulsion. 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 soft and smoothness handling for polyester, nylon, rayon and polyester/cotton and polyester/viscose fabrics. 3. Good water absorbency. 4. Non-yellowing by heat, light and NOx gases. 5. Light and rubbing 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

PERMAFIN-TA	Permafin-TA is a solvent and Alkyl Phenol Ethoxylate (APE) free polymer based thickener designed for all types of water based formulations, especially the solvent free formulations.	<ol style="list-style-type: none"> <li>1. It is Solvent free &amp; Alkyl Phenol Ethoxylate (APE) free.</li> <li>2. Cost-effective due to its high reactivity towards most of the solvent free and solvent containing binders.</li> <li>3. Liquid, easy-to-handle and highly concentrated.</li> <li>4. Easy to use sole or in combination with every kind of low shear effective thickener.</li> <li>5. It provides excellent coating properties due to its high associative effectiveness with every kind of binder. It increases specifically the viscosities at medium and high shear rates in order to improve tool load, film build, levelling and brush drag. It also prevents from settling and sagging tendency in low PVC formulations.</li> </ol>	Polymer	Non-ionic
PERMAFIN-UR/Conc	Permafin-UR-Conc is a newly developed reactive concentrated polyurethane resin emulsion for finishing of various kinds of textile fabrics. The polyurethanes are mainly used for anticrease and anti-shrinkage finish of P/C, P/V, cotton and other fabrics.	<ol style="list-style-type: none"> <li>1. It gives excellent softness to rayon, polyester/rayon and polyester/cotton fabrics.</li> <li>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 glyoxal resin.</li> <li>3. It does not give yellowing trouble when used for finishing white fabrics.</li> <li>4. It does not give bad effect to the fastness of dyed fabrics.</li> <li>5. It gives the brilliancy to the dark color/shade of the dyed fabrics i.e. it increases the color value of fabrics when used for finishing</li> </ol>	Polyurethane resin	Weakly cationic / non ionic
PERMAFIN-UR-NEW	Permafin-UR-New is formaldehyde free, self-crosslinking, permanent polyether polyurethane polymer. It forms a highly elastic film around the fibers. The basic handle is soft & high bulk. This properties form the basis for a number of applications.	<ol style="list-style-type: none"> <li>1. Additive for low-formaldehyde resin finishing.</li> <li>2. Handle modifying agent given full, soft handle.</li> <li>3. Additive for post-cure resin finishing.</li> <li>4. For use in felt-free finishes.</li> <li>5. Improves abrasion resistance and rub fastness.</li> <li>6. Reduces pilling.</li> <li>7. Fiber-bonding agent.</li> <li>8. Very good absorbency &amp; can be used for moisture management &amp; cool finish.</li> </ol>	Aqueous preparation of a modified polyether polyurethane	Weakly cationic
PERMAFIN-ZF	Permafin-ZF is a non-formaldehyde urethane finish based on non-yellowing thermo reactive urethane prepolymer with built-in catalyst. It is designed to impart a naturally soft hand, high impact resilience, down proof finish coupled with durable hydrophilicity. It is self-crosslinking, forming extensive 3 dimensional elastomeric films of reticular construction on all fabric substrates. This results in improved C.R. angles & D.P. appearance ratings on woven & excellent stretch/recovery & shape retention on knit.	<ol style="list-style-type: none"> <li>1. A naturally soft (wet-touch-type) &amp; full hand especially in combination with organo functional silicone emulsions.</li> <li>2. Elastomeric finish with high impact resilience resulting in improved fabric elasticity, stretch / recovery &amp; shape retention in knits.</li> <li>3. Improved springy &amp; bouncy handle with enhanced wet &amp; dry crush resistance resulting in improved D.P. appearance ratings.</li> <li>4. Compacts non-resinated knit. Improves pile retention for corduroy fabrics.</li> <li>5 Improves sanforizing performance.</li> </ol>	Urethane pre-polymer	Weakly cationic/non-ionic
PERMAFIN-5958	Permafin-5958 is Nano-dispersion self-crosslinking polyether polyurethane for high-grade finishing applications.	<ol style="list-style-type: none"> <li>1. Nano-emulsion for optimal distribution over and penetration into the fabric.</li> <li>2. Forms a film around and between fibers.</li> <li>3. Yields unique properties and application possibilities.</li> <li>4. Anti-pilling treatments.</li> <li>5. Upgrade of resin finish treatments.</li> <li>6. Increased durability of selected softeners and resin finishes.</li> <li>7. Durable hydrophilic finishes on all fibers.</li> <li>8. Improved wet and dry rub fastness.</li> </ol>	Water soluble polyurethane	Non-ionic
PERMAFIN-6576	Permafin-6576 is used in labelling processes (Transfer Coatings), direct application on fabric, spray application and rotogravure.	<ol style="list-style-type: none"> <li>1. It presents a strongly elastic film of high intensity and very soft.</li> <li>2. High hydrolysis and temperature resistance.</li> <li>3. Surfactants Free and low VOC.</li> <li>4. Stable in acid and alkaline solutions.</li> <li>5. Product has good stability if stored properly under normal conditions &amp; away from sunlight</li> </ol>	Aliphatic Polyurethane dispersion	Non-ionic

PERMAFIN-6577	Permafin-6577 is used in labelling processes (Transfer Coatings), direct application on fabric, spray application and rotogravure.	1. Indication of use as adhesive for laminating the substrate. 2. Indicated as an adhesive for the High Solids line, 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
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 VOC. 5. Product has good stability if stored properly under normal conditions & away from sunlight	Aliphatic Polyurethane dispersion	Anionic
PERMAFIN-6579	Permafin-6579 is used in Transfer Coatings, direct application on fabric by stenter, spray application and roto	1. It can be used by direct application or by transfer of silicone base. 2. It can be used as a surface coating on PVC, as a colored coating on thermoset plastics or as a protective coating on metallized ABS. 3. Free of NMP and NEP. 4. Excellent light fastness. 5. Product has good stability if stored properly under normal conditions & away from sunlight. 6. Recommendation for end - use: Wood, Concrete, Metal, Concrete floor coatings.	Aliphatic Polyurethane dispersion	Anionic
PERMAFIN-6663	Permafin-6663 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 & 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 high-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 & away from sunlight. 7. It is used in Pre Skin (can be tested as Skin too).	Aqueous dispersion of Urethane pre-polymer & aliphatic olefin	Non-ionic
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 & cold cracking. It has an 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 thermoplasticity. 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
PERMAFIN-BPE	Permafin-BPE is formaldehyde free, self-crosslinking, permanent polyether polyurethane polymer. It forms a highly elastic film around the fibers. The basic handle is soft & high bulk. 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. Additive for post-cure 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

PERMAFIN-EPU	Permafin-EPU is Nano-dispersion self-crosslinking polyether polyurethane for high-grade finishing applications	<ol style="list-style-type: none"> <li>1. Nano-emulsion for optimal distribution over and penetration into the fabric.</li> <li>2. Forms a film around and between fibers.</li> <li>3. Yields unique properties and application possibilities.</li> <li>4. Special finishing.</li> <li>5. Can be used to obtain special handle modifications.</li> <li>6. Anti-pilling treatments.</li> <li>7. Upgrade of resin finish treatments.</li> <li>8. Increased durability of selected softeners and resin finishes.</li> <li>9. Durable hydrophilic finishes on all fibers.</li> <li>10. Improved wet and dry rub fastness.</li> </ol>	Aqueous preparation of a modified polyether polyurethane	Non-ionic
PERMAFIN-PSU	<p>Permafin-PSU 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.</p> <p>It is resistant to impact, abrasion, UV, stain, weathering elements, saponification, high water, alcohol &amp; cold cracking. It has an outstanding adhesion to concrete. It has a low glass transition temperature and has a flexural endurance.</p>	<ol style="list-style-type: none"> <li>1. Tough (soft and flexible), clear and non-yellowing.</li> <li>2. It has a low level of thermoplasticity.</li> <li>3. It is both chemical and abrasion resistant.</li> <li>4. Elongation at Break -500%, UTS-200 Kg/cm2.</li> <li>5. Gloss at 45 -45.</li> </ol>	Urethane pre-polymer	Nonionic
PERMAFIN-PU-107	<p>Permafin-PU-107 is a one pack urethane-resin designed to yield a coating system and allied products, having a very high degree of flexibility, household chemical resistance. It is resistant to dry &amp; wet rub fastness, impact, abrasion, UV, stain, weathering elements, saponification, high water, alcohol &amp; cold cracking. It has an outstanding adhesion to concrete. It has a low glass transition temperature and has a flexural endurance.</p>	<ol style="list-style-type: none"> <li>1. It provides soft yet strong and high extension characteristics.</li> <li>2. It provides an excellent film formation on any releasing paper.</li> <li>3. Does not cause repellent and pin-holes during coating.</li> <li>4. Provides stretch-back property of polyurethane's characteristics.</li> <li>5. It has a functional group necessary for self-emulsification, when the finish requires resistance to water, moisture heat and heat</li> <li>6. Excellent heat stability and against hydrolysis.</li> <li>7. Non-yellowing, very good light fastness, least color change by NOx gases.</li> <li>8. It yields a very stable emulsion, thus stable to the process.</li> <li>9. It has a low level of thermoplasticity.</li> <li>10. Elongation at Break -600%, UTS-175 Kg/cm2.</li> <li>11. It is non-hazardous and non-toxic, thus Ecofriendly.</li> </ol>	Polyurethane resin	Anionic
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.	<ol style="list-style-type: none"> <li>1. It can be used with pigments &amp; fillers.</li> <li>2. It has good tensile, tear strength, high elongation &amp; Good gloss properties</li> <li>3. Gives medium hard surfaces with excellent mechanical properties and high water resistance.</li> </ol>	Aliphatic Polyester Urethane	Anionic
PERMAFIN-PU-4122	<p>Permafin-PU-4122 is a single pack aliphatic urethane-resin designed to yield a coating system and allied products with a smooth soft feel, requiring a high degree of flexibility, household chemical resistance, abrasion and impact resistance, dry &amp; wet rub fastness stain resistance flexural endurance, degradation resistance to weathering elements, ultra violet ray stability, high water resistance, cold cracking resistance, outstanding adhesion, low glass transition temperature and saponification resistance.</p>	<ol style="list-style-type: none"> <li>1. It forms a very soft, non-tacky and highly elastic film with excellent light fastness.</li> <li>2. It does not contain organic solvents.</li> <li>3. It foams very well when using static and dynamic mixers.</li> <li>4. It is well tinted with pigments.</li> </ol>	Aliphatic urethane-resin	Anionic
PERMAFIN-WCO	<p>Permafin-WCO 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.</p> <p>It is resistant to impact, abrasion, UV, stain, weathering elements, saponification, high water, alcohol &amp; cold cracking. It has an outstanding adhesion to concrete. It has a low glass transition temperature and has a flexural endurance.</p>	<ol style="list-style-type: none"> <li>1. Tough (soft and flexible), clear and non-yellowing.</li> <li>2. It has a low level of thermoplasticity.</li> <li>3. It is both chemical and abrasion resistant.</li> <li>4. Elongation at Break -500%, UTS-200 Kg/cm2.</li> <li>5. Gloss at 45 -45.</li> </ol>	Urethane pre-polymer	

PERMAFIN-PUM	Permafin-PUM is formaldehyde free, self-crosslinking, permanent polyether polyurethane polymer. It forms a highly elastic film around the fibers. The basic handle is soft & high bulk. These properties form the basis for a number of applications	1. Additive for low-formaldehyde resin finishing. 2. Handle modifying agent giving full, soft handle. 3. Additive for post-cure 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
PERMAFIN-SAR/Conc	Permafin-SAR-Conc is a reactive concentrated polyurethane resin emulsion for finishing of various kinds of textile fabrics. 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 glyoxal resin. 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 color/shade of the dyed fabrics i.e. it increases the color value of fabrics when used for finishing.	Polyurethane resin	Amphoteric
PERMAFIN-SLR	Permafin-SLR is self-crosslinking polyurethane for finishing technical textiles, suitable for all fibre types or fibre blends. It reduces the tendency to pill and snag. It increases resilience and elastic recovery. It forms a very soft, elastic, opaque and tack-free film.	1. Soft, reducing pilling and enhancing resistance to Velcro tape. 2. Improves tear strength, tensile strength and abrasion resistance. 3. Suitable for chintz finishes durable to washing. 4. Improves the crease 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 tack-free film. 9. It is free from hydrosulphite and hence no negative effect on dyes. 10. Free from formaldehyde and organotin compounds.	Reactive polyether polyurethane	Non-ionic
POWERSIL-THS	Silicone softener for imparting excellent softness and luxurious surface smoothness, hydrophilic and antistatic properties to all kinds of fabrics.	1. Offers softness along with hydrophilicity to cotton and other natural fabrics. 2. Does not cause any yellowing on white fabrics.	Proprietary silicone copolymer with reactive groups	Weakly Cationic / Non-ionic
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 bulky handle. It imparts very good hydrophilicity and surface smoothness on terry towels & knits made of cellulose and its blends.	1. Imparts excellent soft bulky handle. 2. Good hydrophilic properties and water retention. 3. Imparts fabric comfort 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.	Proprietary silicone copolymer with reactive groups	Weakly Cationic / Non-ionic
DERMASIL-5853	Dermasil-5853 is a novel textile softener of linear polydimethylsiloxane amino polyalkyleneoxide copolymer. It is designed to provide soft, silky, hand to fabrics. 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 especially polyester & 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

FLEXSIL-490	Flexsil-490 is a new generation textile softener for knitted & woven fabrics of cotton, polyester, viscose, lycra & their blends. Can be applied by pad & exhaust method.	<ol style="list-style-type: none"> <li>1. Treated fabric imparts excellent soft &amp; silky handle.</li> <li>2. It has several benefits compare to standard amino silicone softener like shear stability, low yellowing, less hydrophobicity &amp; better hand feel at lower active silicone levels.</li> <li>3. It is self-emulsifiable emulsion with outstanding stability.</li> <li>4. Ultra-low yellowing.</li> <li>5. Doesn't contain emulsifiers hence no thermo-migration problems.</li> <li>6. Excellent stability under most finishing conditions, including jet/overflow.</li> <li>7. Excellent fiber elasticity and shape recovery.</li> </ol>	Polyether amino functional fluid	Weakly cationic / non-ionic
LUBASOFT-EC	Lubasoft-EC not only can help provide in-depth softness and slickness, but also 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. The softness provided by it is durable for numerous detergent washes.	<ol style="list-style-type: none"> <li>1. Provides a high level of softness (inner softness for all types of synthetic fabric especially polyester &amp; their blends.</li> <li>2. Does not cause fabric yellowing.</li> <li>3. 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.</li> <li>4. Suitable for all normal application methods, such as pad bath, exhaustion and spray.</li> <li>5. Dilutions are extremely shear stable. Easily diluted with water.</li> <li>6. Water dilutions have excellent compatibility with finishing baths.</li> <li>7. Can be co-applied with fluorocarbon soil release agents.</li> <li>8. Works at very low dosage.</li> <li>9. May be used with most types of typical equipment's for textile finishing.</li> </ol>	Block amino silicone emulsion	Non-ionic
LUBASOFT-NEW	Lubasoft-NEW not only can help provide in-depth softness and slickness, but also 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.	<ol style="list-style-type: none"> <li>1. Provides a high level of softness (inner softness for all types of synthetic fabric especially polyester &amp; their blends.</li> <li>2. Does not cause fabric yellowing.</li> <li>3. 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.</li> <li>4. Suitable for all normal application methods, such as pad bath, exhaustion and spray.</li> <li>5. Dilutions are extremely shear stable. Easily diluted with water.</li> <li>6. Water dilutions have excellent compatibility with finishing baths.</li> <li>7. Can be co-applied with fluorocarbon soil release agents.</li> <li>8. Works at very low dosage.</li> <li>9. May be used with most types of typical equipment's for textile finishing</li> </ol>	Block amino silicone emulsion	Non-ionic
LUBASOFT-S	Lubasoft-S not only can help provide in-depth softness and slickness, but also 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.	<ol style="list-style-type: none"> <li>1. Provides a high level of softness (inner softness for all types of synthetic fabric especially polyester &amp; their blends.</li> <li>2. Does not cause fabric yellowing.</li> <li>3. 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.</li> <li>4. Suitable for all normal application methods, such as pad bath, exhaustion and spray.</li> <li>5. Dilutions are extremely shear stable. Easily diluted with water.</li> <li>6. Water dilutions have excellent compatibility with finishing baths.</li> <li>7. Can be co-applied with fluorocarbon soil release agents.</li> <li>8. Works at very low dosage.</li> <li>9. May be used with most types of typical equipment's for textile finishing</li> </ol>	Block amino silicone emulsion	Non-ionic
MICROTEK-AS-ECO	Microtek-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 dye ability and moderate shear stability at a typical bath condition for textile finishing. The softness provided by Microtek-AS-ECO is durable for numerous detergent washes.	<ol style="list-style-type: none"> <li>1. The new modified group endows the fabric with excellent soft, smooth, silky handle.</li> <li>2. Effectively solved the problem of demulsification and sticking to the roller.</li> <li>3. Outstanding compatible performance.</li> <li>4. If complexed with the amino silicone oil, it will improve the application performance.</li> </ol>	Polysiloxanes, Polyether	Weakly cationic / Non-ionic

MICROTEK-SS-EC	<p>Microtek-SS-EC 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 dye ability and moderate shear stability at a typical bath condition for textile finishing.</p> <p>The softness provided by Microtek-SS-EC is durable for numerous detergent washes.</p> <p>In addition, fabrics treated with it are not hydrophobic. It imparts a slow wetting durable hydrophilic character to fabrics.</p>	<ol style="list-style-type: none"> <li>1. The new modified group endows the fabric with excellent soft, smooth, silky handle.</li> <li>2. Effectively solved the problem of demulsification and sticking to the roller.</li> <li>3. Outstanding compatible performance.</li> <li>4. If complexed with the amino silicone oil, it will improve the application performance.</li> </ol>	Polysiloxanes, Polyether	Weakly cationic / Non-ionic
POWERSIL-5837	Powersil-5837 is designed to provide soft, silk hand to fabrics. The softness provided by it is durable for numerous detergent washes.	<ol style="list-style-type: none"> <li>1. Provides a high level of softness for all types of synthetic fabric especially polyester &amp; their blends.</li> <li>2. Suitable for all normal application methods, such as pad bath, exhaustion and spray.</li> <li>3. Dilutions are extremely shear stable. Easily diluted with water.</li> <li>4. It is self-emulsifiable emulsion with outstanding stability.</li> <li>5. It imparts superior softness and very low yellowing compared to conventional amino silicones when applied to a wide variety of fabrics of polyester fabric &amp; their blends.</li> </ol>	Polydimethylsiloxane with functional groups (aqueous emulsion)	Weakly cationic / non-ionic
POWERSIL-6053	Powersil-6053 treated fabric gives excellent surface smoothness & softness on Polyester viscose suiting, PC blends, etc Best softener for PV suiting.	<ol style="list-style-type: none"> <li>1. Provides a high level of softness (inner softness for all types of synthetic fabric especially polyester &amp; their blends.</li> <li>2. Does not cause fabric yellowing.</li> <li>3. 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.</li> <li>4. Suitable for all normal application methods, such as pad bath, exhaustion and spray.</li> </ol>	Block amino silicone emulsion	Non-ionic
POWERSIL-6084	Powersil-6084 is a silicone softener composed of amino modified polysiloxane as its principal active compound. It imparts excellent lubrication and smoothness. It increases tensile resilience, gives springy 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.	<ol style="list-style-type: none"> <li>1. It imparts a unique hand coupled with durable wrinkle recovery.</li> <li>2. It gives excellent and durable softness crease resistance, flexibility and lubricants especially on cotton, nylon, polyester, acrylics and their blended knit.</li> <li>3. It is very economical in usage and easy to handle.</li> </ol>	Modified polysiloxane & specialty surfactants	Weakly cationic / non-ionic
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 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-6332	Powersil-6332 is used with a variety of fabrics, like cotton woven & knitted, polyester, polyamide, acrylic fabrics and spandex blends, as well as wool, cashmere, fleece fabric, raised fabrics	<ol style="list-style-type: none"> <li>1. It is self-emulsifiable emulsion with outstanding stability.</li> <li>2. Ultra-low yellowing.</li> <li>3. Excellent stability under most finishing conditions, including jet/overflow, etc.</li> <li>4. May be co-applied with crease (durable press) resist resins, their catalysts and optionally OBA's.</li> <li>5. Excellent fiber elasticity and shape recovery.</li> </ol>	Block amino silicone emulsion	Weakly cationic / non-ionic
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 gives good surface	<ol style="list-style-type: none"> <li>1. It is self-emulsifiable emulsion with outstanding stability.</li> <li>2. Ultra-low yellowing.</li> <li>3. Excellent stability under most finishing conditions, including jet/overflow, etc.</li> <li>4. Excellent fiber elasticity and shape recovery.</li> </ol>	Block amino silicone emulsion	Weakly cationic / non-ionic

POWERSIL-6351	Powersil-6351 is a novel textile softener designed to provide soft, talcum powder or powdery like feel to fabrics, especially synthetics. The softness provided by Powersil-6351 is durable for numerous detergent washes.	<ol style="list-style-type: none"> <li>Provides a high level of softness for all types of synthetic fabric especially polyester &amp; their blends.</li> <li>Does not cause fabric yellowing.</li> <li>Suitable for all normal application methods, such as pad bath, exhaustion and spray.</li> <li>Dilutions are extremely shear stable. Easily diluted with water.</li> <li>Water dilutions have excellent compatibility with finishing baths.</li> <li>It imparts superior softness and very low yellowing compared to conventional amino silicones when applied to a wide variety of fabrics of polyester fabric &amp; their blends.</li> <li>In addition, fabrics treated with Powersil-6351 are not hydrophobic. It imparts a slow wetting durable hydrophilic character to fabrics.</li> </ol>	Emulsion of modified amino siloxane	Non-ionic
POWERSIL-6362	Powersil-6362 not only can help provide in-depth softness and slickness, but also 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. The softness provided by Powersil-BRK is durable for numerous detergent washes	<ol style="list-style-type: none"> <li>Provides a high level of softness (inner softness) for all types of synthetic fabric especially polyester &amp; their blends.</li> <li>Does not cause fabric yellowing.</li> <li>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.</li> <li>Suitable for all normal application methods, such as pad bath, exhaustion and spray.</li> <li>Dilutions are extremely shear stable. Easily diluted with water or alcohol.</li> <li>Water dilutions have excellent compatibility with finishing baths.</li> <li>Can be co-applied with fluorocarbon soil release agents.</li> <li>Works at very low dosage.</li> <li>May be used with most types of typical equipment's for textile finishing.</li> </ol>	Block amino silicone emulsion	Non-ionic
POWERSIL-6396	Powersil-6396 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>Treated fabric gives excellent smooth fluffy and greasy surface on all type of fabrics fluffy</li> <li>Shear stable hence suitable in application in high turbulence equipment's like JET, Soft flow machine etc.</li> <li>Suited for all type of fabrics especially polyester &amp; polyester rich blend.</li> </ol>	Block silicone	Weakly cationic / non-ionic
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 gives soft, greasy, excellent smooth surface on all type of fabrics	<ol style="list-style-type: none"> <li>Treated fabric exhibits fluffy smooth feel.</li> <li>Shear stable hence suitable in application in high turbulence equipment's like JET, Soft flow machine etc.</li> <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, fleece, chenille fabrics.</li> </ol>	Emulsion of siloxane & silicones, polyether	Weakly cationic / non-ionic
POWERSIL-6402	Powersil-6402 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>Treated fabric exhibits fluffy smooth feel.</li> <li>Shear stable hence suitable in application in high turbulence equipment's like JET, Soft flow machine etc.</li> <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, fleece, chenille fabrics.</li> </ol>	Emulsion of siloxane & silicones, polyether	Weakly cationic / non-ionic
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 gives soft, greasy, excellent smooth surface on all type of fabrics.	<ol style="list-style-type: none"> <li>Treated fabric exhibits fluffy smooth feel.</li> <li>Shear stable hence suitable in application in high turbulence equipment's like JET, Soft flow machine etc.</li> <li>Suited for all type of fabrics especially polyester &amp; polyester rich blend.</li> </ol>	Emulsion of siloxane & silicones, polyether	Weakly cationic / non-ionic
POWERSIL-6805	Powersil-6805 is a novel textile softener of linear polydimethylsiloxane amino polyalkyleneoxide copolymer with PU back bone .	<ol style="list-style-type: none"> <li>Provides a high level of softness for all types of synthetic fabric especially polyester &amp; their blends.</li> <li>Does not cause fabric yellowing.</li> <li>Suitable for all normal application methods, such as pad bath, exhaustion and spray.</li> <li>Dilutions are extremely shear stable. Easily diluted with water or alcohol.</li> <li>Treated fabric shows excellent elastomeri effect</li> </ol>	Emulsion of siloxane & silicones, polyether	Non-ionic

POWERSIL-BPV	<p>Powersil-BPV is a novel textile softener of linear polydimethylsiloxane amino polyalkyleneoxide copolymer. It is designed to provide soft, silky, hand to fabrics. The softness provided by Powersil-BPV is durable for numerous detergent washes.</p> <p>It imparts superior softness and very low yellowing compared to conventional amino silicones when applied to a wide variety of fabrics of polyester fabric &amp; their blends.</p>	<ol style="list-style-type: none"> <li>Provides a high level of softness &amp; surface smoothness for all types of synthetic fabric especially polyester &amp; their blends like PV &amp; PC.</li> <li>Does not cause fabric yellowing.</li> <li>Suitable for all normal application methods, such as pad bath, exhaustion and spray.</li> <li>Dilutions are extremely shear stable. Easily diluted with water or alcohol.</li> <li>Water dilutions have excellent compatibility with finishing baths.</li> </ol>	Emulsion of siloxanes and silicones, polyether	Non-ionic
POWERSIL-BRK-M	<p>Powersil-BRK not only can help provide in-depth softness and slickness, but also 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.</p> <p>The softness provided by Powersil-BRK is durable for numerous detergent washes.</p>	<ol style="list-style-type: none"> <li>Provides a high level of softness (inner softness) for all types of synthetic fabric especially polyester &amp; their blends.</li> <li>Does not cause fabric yellowing.</li> <li>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.</li> <li>Suitable for all normal application methods, such as pad bath, exhaustion and spray.</li> <li>Dilutions are extremely shear stable. Easily diluted with water or alcohol.</li> <li>Water dilutions have excellent compatibility with finishing baths.</li> <li>Can be co-applied with fluorocarbon soil release agents.</li> <li>Works at very low dosage.</li> <li>May be used with most types of typical equipment's for textile finishing.</li> </ol>	Block amino silicone emulsion	Non-ionic
POWERSIL-BRK-S	<p>Powersil-BRK-S not only can help provide in-depth softness and slickness, but also 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.</p> <p>The softness provided by Powersil-BRK-S is durable for numerous detergent washes.</p>	<ol style="list-style-type: none"> <li>Provides a high level of softness (inner softness) for all types of synthetic fabric especially polyester &amp; their blends.</li> <li>Does not cause fabric yellowing.</li> <li>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.</li> <li>Suitable for all normal application methods, such as pad bath, exhaustion and spray.</li> <li>Dilutions are extremely shear stable. Easily diluted with water or alcohol.</li> <li>Water dilutions have excellent compatibility with finishing baths.</li> <li>Can be co-applied with fluorocarbon soil release agents.</li> <li>Works at very low dosage.</li> <li>May be used with most types of typical equipment's for textile finishing.</li> </ol>	Block amino silicone emulsion	Non-ionic
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.	<ol style="list-style-type: none"> <li>Treated fabric exhibits fluffy smooth feel.</li> <li>Shear stable hence suitable in application in high turbulence equipment's like JET, Soft flow machine etc.</li> <li>Suited for all type of fabrics especially polyester &amp; polyester rich blend.</li> </ol>	Emulsion of siloxane & silicones, polyether	Weakly cationic / non-ionic
POWERSIL-RAS-NEW	Powersil-RAS-NEW 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>Treated fabric exhibits fluffy smooth feel.</li> <li>Shear stable hence suitable in application in high turbulence equipment's like JET, Soft flow machine etc.</li> <li>Suited for all type of fabrics especially polyester &amp; polyester rich blend.</li> <li>On polyester rugs fabric it gives rabbit hair type soft smooth feel</li> </ol>	Emulsion of siloxane & silicones, polyether	Weakly cationic / non-ionic

POWERSIL-SPV	<p>Powersil-SPV not only can help provide in-depth softness and slickness, but also 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.</p> <p>The softness provided by Powersil-SPV is durable for numerous detergent washes.</p>	<ol style="list-style-type: none"> <li>Provides a high level of softness (inner softness for all types of synthetic fabric especially polyester &amp; their blends).</li> <li>Does not cause fabric yellowing.</li> <li>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.</li> <li>Suitable for all normal application methods, such as pad bath, exhaustion and spray.</li> <li>Dilutions are extremely shear stable. Easily diluted with water or alcohol.</li> <li>Water dilutions have excellent compatibility with finishing baths.</li> <li>Works at very low dosage.</li> <li>May be used with most types of typical equipment's for textile finishing</li> <li>Shear stable hence suitable in application in high turbulence equipment's like JET, Soft flow machine etc.</li> <li>Suited for all type of fabrics especially polyester &amp; polyester rich blend.</li> </ol>	Block amino silicone emulsion	Non-ionic
POWERSIL-SSX-F	<p>Powersil-SSX-F is a fluid especially developed for pile fabrics made of polyester &amp; polyester rich textiles like rugs, bath mats, chenille, mink fabrics etc. Treated fabric gives soft, greasy, excellent smooth surface on all type of fabrics.</p>	<ol style="list-style-type: none"> <li>Treated fabric exhibits fluffy smooth feel.</li> <li>Shear stable hence suitable in application in high turbulence equipment's like JET, Soft flow machine etc.</li> <li>Suited for all type of fabrics especially polyester &amp; polyester rich blend.</li> </ol>	Emulsion of siloxane & silicones, polyether	Weakly cationic / non-ionic
PRODUCT-PL-G	<p>Product-PL-G 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 dye ability and moderate shear stability at a typical bath condition for textile finishing.</p> <p>The softness provided by Product-PL-G is durable for numerous detergent washes.</p>	<ol style="list-style-type: none"> <li>The new modified group endows the fabric with excellent soft, smooth, silky handle.</li> <li>Effectively solved the problem of demulsification and sticking to the roller.</li> <li>Outstanding compatible performance.</li> <li>If complexed with the amino silicone oil, it will improve the application performance.</li> </ol>	Polysiloxanes, Polyether	Weakly cationic / Non-ionic
POWERSIL-6212	<p>Powersil-6212 endows the fabric with excellent soft, surface smoothness &amp; silky handle. It has outstanding stability at the high temperatures. Treated fabric delivers soft, surface smooth, silky feel to various fabrics, especially the plain fabrics, such as trousers, polyester&amp; polyester viscose fabrics</p>	<ol style="list-style-type: none"> <li>Effectively solved the problem of demulsification and sticking to the roller.</li> <li>Outstanding compatible performance.</li> <li>Economical 60% self dispersible block</li> <li>If complexed with the amino silicone oil, it will improve the application performance.</li> <li>Powersil-6212 gives excellent surface smoothness on cotton &amp; viscose rayon fabric</li> <li>It has high performance on price ratio compared with the other common blocking silicon oil.</li> </ol>	Emulsion of modified amino siloxane	Non-ionic
POWERSIL-6483	<p>Powersil-6483 is used with a variety of fabrics, like cotton woven &amp; knitted, polyester, polyamide, acrylic fabrics and spandex blends, as well as wool, cashmere, fleece fabric, raised fabric, PES mink, PES rugs and its blends.</p>	<ol style="list-style-type: none"> <li>It is self-emulsifiable emulsion with outstanding stability.</li> <li>Ultra-low yellowing.</li> <li>Excellent stability under most finishing conditions, including jet/overflow, etc.</li> <li>May be co-applied with crease (durable press) resist resins, their catalysts and optionally OBA's.</li> <li>Excellent fiber elasticity and shape recovery.</li> </ol>	Block amino silicone emulsion	Weakly cationic / non-ionic
POWERSIL-6484	<p>Powersil-6484 is used with a variety of fabrics, like cotton woven &amp; knitted, polyester, polyamide, acrylic fabrics and spandex blends, as well as wool, cashmere, fleece fabric, raised fabric, PES mink, PES rugs and its blends.</p>	<ol style="list-style-type: none"> <li>It is self-emulsifiable emulsion with outstanding stability.</li> <li>Ultra-low yellowing.</li> <li>Excellent stability under most finishing conditions, including jet/overflow, etc.</li> <li>May be co-applied with crease (durable press) resist resins, their catalysts and optionally OBA's.</li> <li>Excellent fiber elasticity and shape recovery.</li> </ol>	Block amino silicone emulsion	Weakly cationic / non-ionic
POWERSIL-6531	<p>Powersil-6531 not only can help provide in-depth softness and slickness, but also 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.</p> <p>The softness provided by Powersil-6531 is durable for numerous detergent washes</p>	<ol style="list-style-type: none"> <li>Provides a high level of softness (inner softness for all types of synthetic fabric especially polyester &amp; their blends).</li> <li>Does not cause fabric yellowing.</li> <li>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.</li> <li>Suitable for all normal application methods, such as pad bath, exhaustion and spray.</li> <li>Dilutions are extremely shear stable. Easily diluted with water or alcohol.</li> </ol>	Block amino silicone emulsion	Non-ionic

POWERSIL-6580	Powersil 6580 is economical block silicone with excellent soft smooth hand feel especially on cotton woven & knitted fabric & its blends.	<ol style="list-style-type: none"> <li>1. Ultra-low yellowing.</li> <li>2. Excellent stability under most finishing conditions, including jet/overflow, etc.</li> </ol>	Block silicone	Weakly cationic / non-ionic
POWERSIL-PCR	Powersil-PCR not only can help provide in-depth softness and slickness, but also features fabric whiteness, dyeability, over dyeability and moderate shear stability at a typical bath condition for textile finishing. The softness provided by Powersil-PCR is durable for numerous detergent washes.	<ol style="list-style-type: none"> <li>1. Provides a high level of softness (inner softness for all types of synthetic fabric especially polyester &amp; their blends.</li> <li>2. Does not cause fabric yellowing.</li> <li>3. 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.</li> <li>4. Suitable for all normal application methods, such as pad bath, exhaustion and spray.</li> </ol>	Block amino silicone emulsion	Non-ionic
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 & knitted fabrics.	<ol style="list-style-type: none"> <li>1. Gives excellent soft, smooth &amp; elastic handle on all types of woven &amp; knit fabrics.</li> <li>2. Improves wash &amp; wear properties.</li> <li>3. Improves crease recovery angle, sewability &amp; tear strength.</li> <li>4. Reduces abrasion loss.</li> <li>5. Effects are fast to washing &amp; dry cleaning.</li> <li>6. It has little effect on degree of whiteness.</li> <li>7. No adverse effect on the shade or color fastness properties of colored goods.</li> </ol>	Amino modified silicone fluid	Non-ionic
MICRODERM-ULTRA	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.	<ol style="list-style-type: none"> <li>1. Excellent elastic resilience.</li> <li>2. Improved wash &amp; wear effects.</li> <li>3. Imparts smooth, soft handle.</li> <li>4. Improved elastic recovery of knitted goods.</li> <li>5. Prevents loop damage during high-speed industrial sewing.</li> <li>6. Improves the wet rub fastness of dyed fabrics.</li> <li>7. Improves dimensional stability of knit goods.</li> <li>8. It gives excellent deep &amp; bright effect to dyed fabrics. Gives good effect against all kinds of black fabric &amp; excellent color deepening effect especially for polyester &amp; their blend fabrics.</li> </ol>	Organo functional silicone	Cationic
POLYDERM-12	Polyderm-12 is a semi-micro emulsion of an epoxy modified organo functional silicone elastomer to give permanent finish on all types of fibres and blends.	<ol style="list-style-type: none"> <li>1. Excellent elastic resilience.</li> <li>2. Improved wash &amp; wear effects.</li> <li>3. Imparts smooth, soft handle.</li> <li>4. Improved elastic recovery of knitted goods.</li> <li>5. Prevents loop damage during high-speed industrial sewing.</li> <li>6. Improves the wet rub fastness of dyed fabrics.</li> <li>7. Improves dimensional stability of knit goods.</li> </ol>	Amino modified silicone	Weakly cationic / Non-ionic
POWERSIL-210	Powersil-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.	<ol style="list-style-type: none"> <li>1. It improves sewability, wash-and-wear properties, easy iron and crease recovery.</li> <li>2. It has very little effect on the degree of whiteness.</li> <li>3. No adverse effect on the shade or color fastness properties of colored goods is observed.</li> </ol>	Emulsion of modified amino siloxane.	Non-ionic
POWERSIL-AE	Powersil-AE is a macro silicone emulsion suitable for the impregnation of all kinds of fibers and textiles.	<ol style="list-style-type: none"> <li>1 It improves sewability, wash-and-wear properties, easy iron and crease recovery.</li> <li>2 It has very little effect on the degree of whiteness.</li> <li>3. No adverse effect on the shade or color fastness properties of colored goods is observed.</li> <li>4. It imparts a very soft, drapable and elastic hand to a wide range of fiber materials such as cotton, polyester, viscose and their mixtures.</li> </ol>	Silicone fluid emulsion	Nonionic
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.	<ol style="list-style-type: none"> <li>1. It gives color deepening in dark shades up to 15-30% by pad, dry-cure process.</li> <li>2. Excellent elastic resilience &amp; soft and smooth handle.</li> </ol>	Emulsion of modified amino siloxane	Non-ionic

POWERSIL-SBS	Powersil-SBS is a semi-micro emulsion of an epoxy modified organo functional silicone elastomer to give permanent finish on all types of fibres and blends.	<ol style="list-style-type: none"> <li>Excellent elastic resilience.</li> <li>Improved wash &amp; wear effects.</li> <li>Imparts smooth, soft handle.</li> <li>Improved elastic recovery of knitted goods.</li> <li>Prevents loop damage during high-speed industrial sewing.</li> <li>Improves the wet rub fastness of dyed fabrics.</li> <li>Improves dimensional stability of knit goods.</li> </ol>	Amino modified silicone	Weakly cationic / Non-ionic
POWERSIL-SBK	Powersil-SBK endows the fabric with excellent soft, surface smoothness & silky handle. It has outstanding stability at the high temperatures. Treated fabric delivers soft, surface smooth, silky feel to various fabrics, especially the plain fabrics, such as trousers, polyester & polyester viscose fabrics.	<ol style="list-style-type: none"> <li>Effectively solved the problem of demulsification and sticking to the roller.</li> <li>Outstanding compatible performance.</li> <li>If complexed with the amino silicone oil, it will improve the application performance.</li> <li>Powersil-SBK gives excellent surface smoothness on cotton &amp; viscose rayon fabric.</li> <li>It has high performance on price ratio compared with the other common blocking silicon oil.</li> </ol>	Emulsion of modified amino siloxane	Non-ionic
CELEXTRA-ECO	CELEXTRA-ECO is shear stable non-ionic oil in water micro emulsion of an organo functional polysiloxane 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.	<ol style="list-style-type: none"> <li>Imparts a very soft &amp; silky handle with excellent surface smoothness.</li> <li>Non-yellowing finish even at high temperatures making it suitable for white fabrics &amp; dyed fabrics with large white grounds.</li> <li>Enhanced wrinkle resistance &amp; wash and wear ratings.</li> <li>Good inter fiber lubricity with reduced blending rigidity resulting in improved drape &amp; full of fabric. No effect in dyed shades.</li> <li>Improved tear strength, tensile resilience abrasion resistance, sewability &amp; cut &amp; sew performance.</li> <li>Shear stable.</li> </ol>	Functional Polysiloxane	Cationic / Non-ionic
CELEXTRA-E	CELEXTRA-E is shear stable non-ionic oil in water micro emulsion of an organo functional polysiloxane 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.	<ol style="list-style-type: none"> <li>Imparts a very soft &amp; silky handle with excellent surface smoothness.</li> <li>Non-yellowing finish even at high temperatures making it suitable for white fabrics &amp; dyed fabrics with large white grounds.</li> <li>Enhanced wrinkle resistance &amp; wash and wear ratings.</li> <li>Good inter fiber lubricity with reduced blending rigidity resulting in improved drape &amp; full of fabric. No effect in dyed shades.</li> <li>Improved tear strength, tensile resilience abrasion resistance, sewability &amp; cut &amp; sew performance.</li> <li>Shear stable.</li> </ol>	Functional Polysiloxane	Cationic / Non-ionic
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 silky hand coupled with excellent surface smoothness, improved D.P. ratings & fabric physicals. It is completely non-yellowing even at elevated temperatures.	<ol style="list-style-type: none"> <li>Imparts a very soft &amp; silky handle with excellent surface smoothness.</li> <li>Non-yellowing finish even at high temperatures making it suitable for white fabrics &amp; dyed fabrics with large white grounds.</li> <li>Enhanced wrinkle resistance &amp; wash and wear ratings.</li> <li>Good inter fiber lubricity with reduced blending rigidity resulting in improved drape &amp; full of fabric. No effect in dyed shades.</li> <li>Improved tear strength, tensile resilience abrasion resistance, sewability &amp; cut &amp; sew performance.</li> <li>Shear stable.</li> </ol>	Functional Polysiloxane	Cationic / Non-ionic
CELEXTRA-NEW-EC	CELEXTRA-NEW EC is shear stable non-ionic oil in water micro emulsion of an organo functional polysiloxane 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.	<ol style="list-style-type: none"> <li>Imparts a very soft &amp; silky handle with excellent surface smoothness.</li> <li>Non-yellowing finish even at high temperatures making it suitable for white fabrics &amp; dyed fabrics with large white grounds.</li> <li>Enhanced wrinkle resistance &amp; wash and wear ratings.</li> <li>Good inter fiber lubricity with reduced blending rigidity resulting in improved drape &amp; full of fabric. No effect in dyed shades.</li> <li>Improved tear strength, tensile resilience abrasion resistance, sewability &amp; cut &amp; sew performance.</li> <li>Shear stable.</li> </ol>	Functional Polysiloxane	Cationic / Non-ionic

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 springy 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 wrinkle 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
LUBALLEN-HK	Luballen-HK is micro emulsion of an organo functional polysiloxane 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	1. Imparts a very soft & silky handle with excellent surface smoothness. 2. Non-yellowing finish even at high temperatures making it suitable for white fabrics & dyed fabrics with large white grounds. 3. Enhanced wrinkle resistance & wash and wear ratings. 4. No effect in dyed shades. Improved tear strength, tensile resilience abrasion resistance, sewability & cut and sew performance.	Emulsion of modified amino siloxane	Weakly cationic / Non-ionic
MICRODERM-8865	Microderm-8865 is a macro epoxy emulsion of a multi-functional elastomeric 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.	1. Superior elastomeric, soft & smooth hand. 2. Improve fabric tear strength & wrinkle recovery. 3. Very low yellowing. 4. Good emulsion stability. 5. Exhaustible. 6. One-component system, easy to use.	Epoxy silicone emulsion	Cationic
MICROSOFT-ECO	Microsoft-ECO is a micro emulsion concentrate of specially engineered amino modified silicone. It imparts an exceptionally soft full hand & luxurious handle along with improved resilience & fabric physicals.	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. Further provided flexibility by allowing appropriate dilution based on following parameters. a) Fabric to liquor ratio, b) Desired finishes i.e. softness etc. and c) Cost of finish. 3. Premium softness & silky luxuries handle on woven & knitted fabrics. 4. Improvement in fabric physicals, tears strength, abrasion resistance, cut and sews performance, bending rigidity and co-efficiency of friction. 5. Improvement in strength & recovery in knitted fabrics (elastomeric property).	Functional polysiloxane	Cationic / Non-ionic
POLYDERM-HI-8	Polyderm-HI-8 is a cationic emulsion polymer of a proprietary re-equilibrated organo functional polysiloxane and biodegradable surfactants.	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 fabric crease resistance and D.P. appearance ratings. 4. It improves tear and tensile strengths, abrasion resistance & cut & sew performance. 5. On knits it improves bursting strength and prevents bagging during wear.	Emulsion of modified amino siloxane	Cationic
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. 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. Suitable for nylon knits.	1. Gives excellent soft, smooth & elastic handle on all types of 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.	Emulsion of modified amino siloxane	Weakly cationic
POWERSIL-5910	An innovative concentrated microsilicone softener for padding application with excellent bounciness and inner softness	1. It imparts a unique hand coupled with durable wrinkle recovery. 2. It gives excellent surface smoothness on cotton & viscose yarn	Emulsion of modified amino siloxane	Non-ionic

POWERSIL-6185	Powersil-6185 is a non-ionic concentrated micro emulsion of an organo modified poly siloxane. It imparts extremely soft, silky, smooth handle on all types of fabric. Particle size of Powersil-6185 is particularly designed to the degree of fabric softness. It penetrates deep into the fiber bundle giving a luxurious soft handle.	<ol style="list-style-type: none"> <li>1. Gives excellent soft, smooth &amp; elastic handle on all types of woven &amp; knit fabrics.</li> <li>2. Can be applied by pad and exhaust.</li> <li>3. Its fine particles size ensures faster &amp; uniform penetration into the fabric, making it less a surface treatment &amp; more an internal softener.</li> <li>4. Its high concentration makes is extremely economical in usage &amp; easy to handle.</li> </ol>	Emulsion of modified amino siloxane	Non-ionic
POWERSIL-6186	Powersil-6186 is a concentrated silicone softener, composed of diamino functional polysiloxane as its principal active compound. It imparts excellent softness and smoothness on all type of fabrics	<ol style="list-style-type: none"> <li>1. It imparts a unique hand coupled with durable wrinkle recovery.</li> <li>2. It gives excellent and durable softness, crease resistance, flexibility especially on cotton, nylon, polyester, acrylics and their blended knit.</li> <li>3. It is very economical in usage and easy to handle.</li> <li>4. Gives very good surface smoothness.</li> </ol>	Emulsion of modified amino siloxane	Non-ionic
POWERSIL-6375	Powersil-6375 is a non-ionic concentrated micro emulsion of an organo modified poly siloxane. It imparts extremely soft, silky, 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 of fabric.	<ol style="list-style-type: none"> <li>1. Gives excellent soft, smooth &amp; elastic handle on all types of woven &amp; knit fabrics &amp; bottom weight fabric</li> <li>2. Can be applied by pad and exhaust.</li> <li>3. Soft smooth and limpy finish on all types of substrate, excellent handfeel for knits in padding application either dry/wet and wet/wet</li> </ol>	Emulsion of modified amino siloxane	Non-ionic
POWERSIL-6557	Powersil-6557 is a power packed softener & hand modifier based on proprietary engineered hybrid polysiloxane & 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 slickness & smooth hand, improved definition of colors, enhanced fabric physical properties, reduced bending rigidity & optimized drape. The effects are durable to multiple cycles of home washing & dry cleaning.	<ol style="list-style-type: none"> <li>1. Suitable for all kinds of fabric especially cotton woven &amp; denim.</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
Powersil ACN-	Powersil ACN is highly effective high performance macro emulsion of reactive organo modified polysiloxane, for permanent finish on all types of fabric substrates. Topsoft-EME treated fabric exhibit excellent soft & smooth handle on all types of fabric.	<ol style="list-style-type: none"> <li>1. Gives excellent soft, smooth handle on all types of fabrics especially high value cotton shirting, sheeting fabric.</li> <li>2. Improves sewability, crease recovery &amp; tensile strength of the fabric.</li> <li>3. Give extremely smooth gold finish on cotton knit, cotton lycra &amp; PC knit fabrics</li> <li>4. Improves the stretch &amp; recovery capacity of knit goods.</li> <li>5. Improves tear strength &amp; reduces abrasion loss.</li> <li>6. Effects are fast to washing &amp; dry cleaning</li> </ol>	Modified polysiloxane	Non-ionic
POWERSIL-BLS	Powersil-BLS is highly effective high performance micro emulsion of reactive organo modified polysiloxane, for permanent finish on all types of fabric substrates. Powersil-BLS treated fabric exhibit excellent soft & smooth handle on all types of fabric.	<ol style="list-style-type: none"> <li>1. Gives excellent soft, smooth handle on all types of fabrics.</li> <li>2. Improves sewability, crease recovery &amp; tensile strength of the fabric.</li> <li>3. Can be applied by pad &amp; exhaust method.</li> <li>4. Improves the stretch &amp; recovery capacity of knit goods.</li> <li>5. Improves tear strength &amp; reduces abrasion loss.</li> <li>6. Effects are fast to washing &amp; dry cleaning.</li> </ol>	Modified polysiloxane	Non-ionic
POWERSIL-GMS	Powersil-GMS is a newly developed softener composed of amino modified polysiloxane as its principal active compound	<ol style="list-style-type: none"> <li>1. It has a strong affinity for all fibers since it has a reactive amino functional group in its structure.</li> <li>2. Treated fabric gives excellent inner softness especially on polyester &amp; P/V fabric.</li> <li>3. Treated fabric imparts very soft, lively smooth handle.</li> </ol>	Emulsion of modified amino siloxane	Non ionic
POWERSIL-MEM	Powersil-MEM is a non-ionic micro-emulsion of a high molecular weight amino functional dimethyl polysiloxane fluid designed specifically for use in clear hair care products	<ol style="list-style-type: none"> <li>1. Superior conditioning agent (reduced wet detangling time and fly-away; improved shine).</li> <li>2. Improves hair color depth and longevity from semi-permanent colorant.</li> <li>3. Enables clear aqueous based systems.</li> <li>4. Easy to formulate (cold process manufacturing; no need of suspending agent; low viscosity, external phase water)</li> </ol>	Emulsion of modified amino siloxane	Weakly Cationic

POWERSIL-MSF	Powersil-MSF is highly effective high performance micro emulsion of reactive organo modified polysiloxane, for permanent finish on all types of fabric substrates. Powersil-MSF treated fabric exhibit excellent soft & smooth handle on all types of fabric	<ol style="list-style-type: none"> <li>1. Gives excellent soft, smooth handle on all types of fabrics.</li> <li>2. Improves sewability, crease recovery &amp; tensile strength of the fabric.</li> <li>3. Can be applied by pad &amp; exhaust method.</li> <li>4. Improves the stretch &amp; recovery capacity of knit goods.</li> <li>5. Improves tear strength &amp; reduces abrasion loss.</li> <li>6. Effects are fast to washing &amp; dry cleaning</li> </ol>	Modified polysiloxane	Non-ionic
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	<ol style="list-style-type: none"> <li>1. Designed for application by padding &amp; exhaust methods in short liquor jets.</li> <li>2. It maintains gloss.</li> <li>3. It reduces coefficient of friction &amp; enhances rub &amp; scratch resistance.</li> <li>4. It distinctly improves the sewability of woven and knitted fabrics &amp; minimizes seam slipping.</li> <li>5. It produces a very soft, smooth handle &amp; facilitates making up operations.</li> <li>6. It does not affect the whiteness of brightened goods.</li> <li>7. It improves the tear strength &amp; abrasion resistance of resin finished goods and the effect on raised goods.</li> <li>8. It eases needle penetration considerably when needling non-woven and felts.</li> <li>9. It is low-foaming, therefore suitable for application in jets.</li> </ol>	Emulsion of modified amino siloxane	Weakly cationic / non-ionic
SUPERSIL-SOFT-PG-LV	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 & luxurious handle along with improved resilience & fabric physicals.	<ol style="list-style-type: none"> <li>1. Its fine particles size ensures faster &amp; uniform penetration into the fabric, making it less a surface treatment &amp; more an internal softener.</li> <li>2. Its high concentration makes it extremely economical in usage &amp; easy to handle.</li> <li>3. Low cyclics i.e. D4/D5/D6 less than 1000 ppm</li> </ol>	Emulsion of functional polysiloxane	Weakly cationic / non-ionic
SUPERSIL-SSP	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.	<ol style="list-style-type: none"> <li>1. Its fine particles size ensures faster &amp; uniform penetration into the fabric, making it less a surface treatment &amp; more an internal softener.</li> <li>2. Its high concentration makes it extremely economical in usage &amp; easy to handle.</li> <li>3. Provides flexibility by allowing appropriate dilution based on following parameters. a) Fabric to liquor ratio, b) Desired finish and c) Cost.</li> <li>4. The running properties of the print pastes are improved.</li> <li>5. Excellent softness on pigment printed fabric &amp; improves rub fastness properties of prints.</li> <li>6. Premium smoothness &amp; non-tacky handle on printed fabrics.</li> <li>7. Improvement in fabric physicals, tear strength, abrasion resistance, cut and sew performance, bending rigidity and co-efficiency of friction.</li> </ol>	Functional polysiloxane	Cationic / Non-ionic
SYLAST-HC-N	Sylast-HC N 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 porous or non-porous, absorbent or non-absorbent substrates.	<ol style="list-style-type: none"> <li>1. It can be used for hydrophobizing treatment of natural stone, marble, granite, tiles, ceramics, glass, cement surfaces, mineral building materials i.e. plastics, coated plastics, wood, laminate, cork, rubber, imitation leather, leather.</li> <li>2. It can be used for hydrophobizing treatment of natural stone, marble, granite, tiles, ceramics, glass, cement surfaces, mineral building materials.</li> </ol>	Modified siloxane Nano-dispersion	Non ionic
SYLAST-RUD	Sylast-RUD is non-ionic concentrated micro emulsion of an organo modified poly siloxane. It imparts extremely soft, silky, smooth handle on all types of fabric. Particle size of Sylast-RUD is particularly designed to the degree of fabric softness. It penetrates deep into the fiber bundle giving a luxurious soft handle.	<ol style="list-style-type: none"> <li>1. Gives excellent soft, smooth &amp; elastic handle on all types of woven &amp; knit fabrics.</li> <li>2. Can be applied by pad and exhaust.</li> <li>3. Improved sewability.</li> <li>4. Improved crease recovery angle &amp; resilience.</li> <li>5. Improved tear strength &amp; abrasion resistance.</li> <li>6. Its fine particles size ensures faster &amp; uniform penetration into the fabric, making it less a surface treatment &amp; more an internal softener.</li> <li>7. Improvement in strength &amp; recovery in knitted fabrics (elastomeric property).</li> </ol>	Modified polysiloxane & specialty surfactants.	Non-ionic

TOPSOFT-EME-M	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 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 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	Modified polysiloxane	Non-ionic
ULTRASOFT-1789	Ultrasoft-1789 is a non-ionic silicone elastomer containing a reactive bi-functional polysiloxane as its principal component along with catalyst & stabilizing additives.	1. Premium softness, slick surface smoothness & full bulky hand. 2. Excellent wet & dry crush resistance & recovery from compressional deformations. 3. Improved durable press appearance ratings. Suitable for formalin free finishing as it allows more than 50% reduction in usage of glyoxal reactants, while retaining its wash & wear & D.P. ratings. 4. Imparts elasticity to woven fabrics & improves their resilience. 5. It reduces bending rigidity & interfibre friction resulting in enhanced drape/fall & a springy bouncy handle. 6. It reduces seam slippage & pilling tendencies especially of polyester fibers & its blends with cotton, viscose & wool.	Functional polysiloxane	Non-ionic
ULTRASOFT-959	Ultrasoft 959 is a macro emulsion of a multi-functional elastomeric 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.	1. Superior elastomeric, soft & smooth hand. 2. Improve fabric tear strength & wrinkle recovery. 3. Very low yellowing. 4. Good emulsion stability. 5. Exhaustible. 6. One-component system, easy to use.	Functional polysiloxane	Non-ionic
DERMASIL-FLO	DermaSil-FLO is a cationic emulsion polymer of a proprietary re-equilibrated 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 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 fabric crease resistance and D.P. appearance ratings. 4. It improves tear and tensile strengths, abrasion resistance & cut & sew performance. 5. On knits 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
DERMASIL-PSS	DermaSil-PSS is developed as a concentrated reactive amino silicone micro-emulsion. Treated fabric exhibits excellent surface smoothness & softness. It is suitable for all type of fabric substrates.	1. Treated fabric exhibits excellent surface smoothness & softness. 2. Is particularly suitable as softener for the impregnation of fibers and textiles. 3. It improves the wash-and-wear properties and the crease recovery angle, sewability and tear strength and reduces abrasion loss. 4. The effects are fast to washing and dry cleaning.	Amino silicone emulsion	Non-ionic
DERMASIL-UP	DermaSil-UP is a Semi-Micro emulsion of a single component, organo functional silicone elastomer for permanent finish on all types of fibers and blends.	1. 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 dimensional stability of knit goods.	Organo functional silicone	Cationic
POWERSIL-2150-EC	Powersil-2150-EC is a silicone emulsion of a special organo modified block poly siloxane. It imparts extremely soft, silky, smooth handle on all types of fabric especially cellulosic fabrics. Powersil-2150-EC penetrate deep into the fiber bundle giving a luxurious soft handle.	1. Gives excellent soft, smooth & elastic handle on all types of cellulosic 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.	Modified polysiloxane & specialty	Non-ionic

POWERSIL-2150-K	Powersil-2150-K is a silicone emulsion of a special organo modified block poly siloxane. It imparts extremely soft, silky, smooth handle on all types of fabric especially cellulosic fabrics. Powersil-2150-K penetrate deep into the fiber bundle giving a luxurious soft handle.	1. Gives excellent soft, smooth & elastic handle on all types of cellulosic 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.	Modified polysiloxane & specialty	Non-ionic
POWERSIL-2150-M	Powersil-2150-M is a silicone emulsion of a special organo modified block poly siloxane. It imparts extremely soft, silky, smooth handle on all types of fabric especially cellulosic fabrics. Powersil-2150-M penetrate deep into the fiber bundle giving a luxurious soft handle.	1. Gives excellent soft, smooth & elastic handle on all types of cellulosic 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.	Modified polysiloxane & specialty	Non-ionic
POWERSIL-2150-NEW	Powersil-2150-New is a silicone emulsion of a special organo modified block poly siloxane. It imparts extremely soft, silky, smooth handle on all types of fabric especially cellulosic fabrics. Powersil-2150-New penetrate deep into the fiber bundle giving a luxurious soft handle.	1. Gives excellent soft, smooth & elastic handle on all types of cellulosic 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.	Modified polysiloxane & specialty	Non-ionic
POWERSIL-2150-R	Powersil-2150-R is a silicone emulsion of a special organo modified block poly siloxane. It imparts extremely soft, silky, smooth handle on all types of fabric especially cellulosic fabrics. Powersil-2150-R penetrate deep into the fiber bundle giving a luxurious soft handle.	1. Gives excellent soft, smooth & elastic handle on all types of cellulosic 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.	Modified polysiloxane & specialty	Non-ionic
POWERSIL-CSF	Powersil-CSF is highly effective high performance semi-micro emulsion of reactive organo modified polysiloxane, for permanent finish on all types of fabric substrates. Powersil-ACN-ECO 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 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. 7. On cotton, cootn lycra & PC knits, by wet on wet pad when used along with Powersil 2150 gives peaches, gold finish	Modified polysiloxane & specialty surfactants	Non-ionic
POWERSIL-ELS	Powersil-ELS is a macro emulsion of a multi-functional elastomeric 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.	1.Superior elastomeric, soft & smooth hand. 2.Improve fabric tear strength & wrinkle recovery. 3.Very low yellowing. 4.Good emulsion stability. 5.Exhaustible. 6.One-component system, easy to use.	Epoxy silicone emulsion	Cationic
SUPERSIL-ISS	Supersil-ISS is a non-ionic concentrated micro emulsion of an organo modified poly siloxane. It imparts extremely soft, silky, smooth handle on all types of fabric. Particle size of Supersil-ISS is particularly designed to the degree of fabric softness. It penetrates deep into the fiber bundle giving a luxurious 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 sewability. 4. Improved crease recovery angle & resilience. 5. Improved tear strength & 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. Its high concentration makes is extremely economical in usage & easy to handle. 8. Premium softness & silky luxuries handle on woven & knitted fabrics. 9. Improvement in strength & recovery in knitted fabrics (elastomeric property).	Modified polysiloxane & specialty surfactants	Non-ionic

SUPERSIL-SBS	Supersil-SBS is weakly cationic micro emulsion of an organo modified poly siloxane. It imparts extremely soft, silky, smooth handle on all types of fabric. Particle size of Supersil-SBS is particularly designed to the degree of fabric softness. It penetrates deep into the fiber bundle giving a luxurious soft handle.	<ol style="list-style-type: none"> <li>1. Gives excellent soft, smooth &amp; elastic handle on all types of woven &amp; knit fabrics.</li> <li>2. Can be applied by pad and exhaust.</li> <li>3. Improved sewability.</li> <li>4. Improved crease recovery angle &amp; resilience.</li> <li>5. Improved tear strength &amp; abrasion resistance.</li> <li>6. Its fine particles size ensures faster &amp; uniform penetration into the fabric, making it less a surface treatment &amp; more an internal softener.</li> <li>7. Its high concentration makes it extremely economical in usage &amp; easy to handle.</li> <li>8. Further provided flexibility by allowing appropriate dilution based on following parameters. a) Fabric to liquor ratio, (b) Desired finishes i.e. softness etc. and (c) Cost of finish.</li> <li>9. Premium softness &amp; silky luxuries handle on woven &amp; knitted fabrics.</li> <li>10. Improvement in strength &amp; recovery in knitted fabrics (elastomeric property).</li> </ol>	Emulsion of modified amino siloxane	Weakly cationic
DERMASIL-SIG-LV	Dermasil-SIG-LV is a concentrated silicone-based auxiliary. It imparts a pleasingly soft dry handle to pigment-printed fabrics and improves their fastness.	<ol style="list-style-type: none"> <li>1. Dermasil-SIG-LV improves the moist, tacky handle that sometimes results from using very soft binders.</li> <li>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.</li> </ol>	Polydimethyl siloxane	Non-ionic
POWERSIL-WP	Powersil-WP is a 60% anionic emulsion of a high molecular weight polydimethylsiloxane. 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.	<ol style="list-style-type: none"> <li>1. Superior sensory benefits.</li> <li>2. Excellent wet combing.</li> <li>3. Excellent dry combing.</li> <li>4. Improves hair slipperiness and softness</li> </ol>	Emulsion of modified amino siloxane	Anionic
AQUASIL-5748	Aquasil-5748 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. Treated fabric does not have any impact on chlorine fastness properties (pool water fast softener). It has high & super high shear alkali stability & anionic stability.	<ol style="list-style-type: none"> <li>1. It is a hydrophilic micro emulsion of new generation silicone copolymer. It imparts very good Hydrophilicity and surface smoothness on terry towels &amp; knits made of cellulose and its blends.</li> <li>2. Imparts excellent soft bulky handle.</li> <li>3. Towels appear bulked and extremely soft.</li> <li>4. Good hydrophilic properties and water retention.</li> <li>5. Imparts fabric comfort and surface smoothness. Good water retention required for high end towels is well achieved by customized recipes involving this product.</li> <li>6. Shear-stable and low-foaming. Very good mechanical stability.</li> </ol>	Proprietary silicone copolymer with reactive groups	Weakly cationic
DERMASIL-PVS-M	Dermasil-PVS-M not only can help provide in-depth softness and slickness, but also 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. The softness provided by Dermasil-PVS-M is durable for numerous detergent washes.	<ol style="list-style-type: none"> <li>1. Provides a high level of softness (inner softness for all types of synthetic fabric especially polyester &amp; their blends.</li> <li>2. Does not cause fabric yellowing.</li> <li>3. 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.</li> <li>4. Suitable for all normal application methods, such as pad bath, exhaustion and spray.</li> <li>5. Dilutions are extremely shear stable. Easily diluted with water or alcohol.</li> <li>6. Water dilutions have excellent compatibility with finishing baths.</li> <li>7. Can be co-applied with fluorocarbon soil release agents.</li> <li>8. Works at very low dosage.</li> <li>9. May be used with most types of typical equipment's for textile finishing.</li> </ol>	Block amino silicone emulsion	Non-ionic
DERMASIL-PVSM-PV	Dermasil-PVSM-PV not only can help provide in-depth softness and slickness, but also 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. The softness provided by Dermasil-PVSM-PV is durable for numerous detergent washes.	<ol style="list-style-type: none"> <li>1. Provides a high level of softness (inner softness for all types of synthetic fabric especially polyester &amp; their blends.</li> <li>2. Does not cause fabric yellowing.</li> <li>3. 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.</li> <li>4. Suitable for all normal application methods, such as pad bath, exhaustion and spray.</li> </ol>	Block amino silicone emulsion	Non-ionic

Aquasil TF New(Biobased)	Macro nonionic to weakly cationic hydrophilic silicone softener for excellent surface smoothness or greasy touch	<p>1. The silicone finish provides textiles with an innovative structure that combines outstanding softness with excellent water absorption</p> <p>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.</p> <p>3. It complies with cyclic ( D4, D5, D6) contents of below 1000 ppm. 4. Emulsified using plant based fatty alcohols ethoxylates</p>	Emulsion of modified amino siloxane	Weakly cationic
Aquasil LUX-45(Biobased)	A speciality hydrophilic softener for all types of fabrics, especially terry towels and knits	<p>1. Imparts excellent softening without hampering the hydrophilicity of the fabric. Excellent pile retention. Especially suitable for terry towels</p> <p>2. Low viscosity &amp; pumpable. Suitable for auto-dispensing systems. 3. It complies with cyclic ( D4, D5, D6) contents of below 1000 ppm. 4. Emulsified using plant based fatty alcohols ethoxylates</p>	Emulsion of modified amino siloxane	Weakly Cationic
Powersil HM Plus(Biobased)	Silicone softener for imparting excellent softness and luxurious surface smoothness, hydrophilic and antistatic properties to all kinds of fabrics.	<p>1. Offers softness along 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</p> <p>2. does not cause any yellowing on white fabrics.</p> <p>3. Helps garments keep their shape during washing, drying and wearing</p> <p>4. It complies with cyclic ( D4, D5, D6) contents of below 1000 ppm. 5. Emulsified using plant based fatty alcohols ethoxylates</p>	Emulsion of modified amino siloxane	Weakly cationic / Non-ionic
Powersil 7078(Biobased)	A speciality hydrophilic softener for all types of fabrics, especially terry towels and knits	<p>1. Imparts excellent softening without hampering the hydrophilicity of the fabric. Excellent pile retention. Especially suitable for terry towels</p> <p>2. Low viscosity &amp; pumpable. Suitable for auto-dispensing systems. 3. It complies with cyclic ( D4, D5, D6) contents of below 1000 ppm. 4. Emulsified using plant based fatty alcohols ethoxylates 5. Good pool water fastness</p>	Emulsion of modified amino siloxane	Weakly Cationic
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 soft smooth & non tacky handle. It imparts an exceptionally soft full & luxurious handle along with improved resilience & fabric physicals	<p>1. Its fine particles size ensures faster &amp; uniform penetration into the fabric, making it less a surface treatment &amp; more an internal softener.</p> <p>2. Its high concentration makes it extremely economical in usage &amp; easy to handle.</p> <p>3. Provides flexibility by allowing appropriate dilution based on following parameters. a) Fabric to liquor ratio, b) Desired finish and c) Cost.</p> <p>4. The running properties of the print pastes are improved.</p> <p>5. Excellent softness on pigment printed fabric &amp; improves rub fastness properties of prints.</p> <p>6. Premium smoothness &amp; non-tacky handle on printed fabrics.</p> <p>7. 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.</p>	Functional polysiloxane	Weakly cationic / non-ionic
Powersoft AE-54	Powersil-AE-54 is a concentrated semi 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	<p>1. It improves sewability, wash-and-wear properties, easy iron and crease recovery.</p> <p>2. It has very little effect on the degree of whiteness.</p> <p>3. No adverse effect on the shade or color fastness properties of colored goods is observed</p>	Silicone fluid emulsion	Non-ionic

Flexsil BQ	It is a organo-modified polydimethylsiloxane terpolymer. It imparts a very soft, 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 the degree of whiteness.	1. Excellent softener with outstanding hand feel on cotton & PC knitted fabrics. 2. It imparts excellent hydrophilic nature especially in cotton, yarn dyed cotton, polyester cotton and polyester for woven, non-woven, knitted and mercerized fabrics. 3. It imparts comfort surface smoothness & antistatic properties. 4. It is suitable for knit processing in different finishing machines, especially in high speed & high shear machines for broad range of cotton, blends, polyester & viscose fabric. 5. It also has chlorine water fastness properties.	Silicone copolymer	Weakly cationic
Flexsil 3000	It is a organo-modified polydimethylsiloxane terpolymer. It imparts a very soft, 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 the degree of whiteness.	1. Excellent softener with outstanding hand feel on cotton & PC knitted fabrics. 2. It imparts excellent hydrophilic nature especially in cotton, yarn dyed cotton, polyester cotton and polyester for woven, non-woven, knitted and mercerized fabrics. 3. It imparts comfort surface smoothness & antistatic properties. 4. It is suitable for knit processing in different finishing machines, especially in high speed & high shear machines for broad range of cotton, blends, polyester & viscose fabric. 5. It also has chlorine water fastness properties.	Silicone copolymer	Weakly cationic
Powersil SIQ/conc	Silicone softener for imparting excellent softness and luxurious surface smoothness, hydrophilic and antistatic properties to all kinds of fabrics.	1. Offers softness along 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 4. It complies with cyclic ( D4, D5, D6) contents of below 1000 ppm.	Emulsion of modified amino siloxane	Weakly cationic / Non-ionic
AQUASIL-4103	A durable concentrated hydrophilic silicone softener designed to exhibit luxuriously soft & flexible hand feels to all types of cellulosic, regenerated cellulosic & cellulosic blends of fabrics irrespective of composition & structure	1. Imparts excellent softening without hampering the hydrophilicity of the fabric. Good water retention 2. Towels appear bulked and extremely soft. Excellent water retention 3.Treated fabric does not have any impact on chlorine fastness properties (pool water fast softener) 4. Low viscosity & pumpable. Suitable for auto-dispensing systems.	Emulsion of modified amino siloxane	Weakly cationic / non-ionic
AQUASIL-4122	A durable concentrated hydrophilic silicone softener designed to exhibit luxuriously soft & flexible hand feels to all types of cellulosic, regenerated cellulosic & cellulosic blends of fabrics irrespective of composition & structure	1. Imparts excellent softening without hampering the hydrophilicity of the fabric. Good water retention 2. Towels appear bulked and extremely soft. Excellent water retention 3.Treated fabric does not have any impact on chlorine fastness properties (pool water fast softener) 4. Low viscosity & pumpable. Suitable for auto-dispensing systems.	Emulsion of modified amino siloxane	Weakly cationic / non-ionic
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
AQUASIL-5266	An innovative microsilicone hydrophilic softener for extraordinary bounciness and inner softness	1. Imparts excellent softening without hampering the hydrophilicity of the fabric. 2. Towels appear bulked and extremely soft. Excellent water retention	Emulsion of modified amino siloxane	Weakly cationic / non-ionic
AQUASIL-5769	A durable non-yellowing hydrophilic silicone softener	1. 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

AQUASIL-820	A self-dispersing polyether-amino-functional silicone fluid. It improves the wear comfort of textiles and is therefore particularly suitable for use with non-woven and terry goods.	1. Aquasil-820 considerably improves the wear comfort of textiles and is therefore particularly suitable for use with non-woven and terry goods. 2. The hydrophilic properties are the result of the special orientation of Aquasil-820 on the fiber surface. This allows unrestricted moisture transport within the fabric, together with the excellent hand that is generally associated with high-quality silicone textile softeners.	Emulsion of modified aminosiloxane	Weakly Cationic
AQUASIL-COTT	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
AQUASIL-GSQ	Hydrophilic softening and smoothening agenting agent with optimised sewability suitable for all fibre types, especially high absorbent cellulosic and synthetic fibres, especially suitable for terry or knitted goods	1. Confers a very soft, voluminous handle with good surface smoothness. 2. Excellent maintenance of the absorptive properties of hydrophilic textiles. Increases elasticity and elastic recovery of knitwear. 3. Improves antcrease properties, tear strength and abrasion resistance in resin finishing.	Emulsion of modified amino siloxane	Cationic
AQUASIL-HS	A durable concentrated non-yellowing hydrophilic silicone softener designed to exhibit excellent soft, smooth and greasy bulky hand while retaining the fabrics original water absorbency & pile.	1. Imparts excellent softening without hampering the hydrophilicity of the 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
AQUASIL-KSM	A speciality hydrophilic softener for all types of fabrics, especially terry towels and knits	1. 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
AQUASIL-LUX	A speciality hydrophilic softener for all types of fabrics, especially terry towels and knits	1. 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
AQUASIL-MB	An innovative microsilicone hydrophilic softener for extraordinary bounciness and inner softness	1. Imparts excellent softening without hampering the hydrophilicity of the fabric. 2. Towels appear bulked and extremely soft. Excellent water retention	Emulsion of modified amino siloxane	Weakly cationic / non-ionic
AQUASIL-PP	Hydrophilic softening and smoothening agent suitable for pigment printed fabric	1. Imparts excellent softening without hampering the hydrophilicity of the fabric. 2. Stable over wider range of temperature. Improved soft, smooth hand and soil release properties. 3. Suitable for pigment printed fabric	Emulsion of modified amino siloxane	Weakly Cationic
AQUASIL-SP	Economical non yellowing hydrophilic silicone softener for cotton woven & knitted fabric	1. Imparts excellent softening without hampering the hydrophilicity of the fabric. 2. Imparts good moisture management finish & hence suitable for PE & PE rich blended fabrics.	Emulsion of modified amino siloxane	Weakly Cationic
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

AQUASIL-WL	Aquasil-WL is a durable, hydrophilic silicone softening and smoothing agent for textiles of all fiber types	<ol style="list-style-type: none"> <li>1. Treated fabric confers voluminous handle effects, especially suitable for white goods or microfibers. Treated fabric does not have any impact on chlorine fastness properties (pool water fast softener). It has high &amp; super high shear alkali stability &amp; anionic stability.</li> <li>2. Imparts excellent soft bulky handle.</li> <li>3. Gives excellent surface smoothness with bulk on cotton sheeting fabric</li> </ol>	Proprietary silicone copolymer with reactive groups	Weakly Cationic
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.	<ol style="list-style-type: none"> <li>1. It improves elasticity &amp; stretchability of knit goods.</li> <li>2. It is specially suitable for white goods since it does not impair the effect of optical brighteners.</li> <li>3. Shear stable. Non-yellowing.</li> </ol>	Amino modified silicone elastomer (quaternary silicone)	Non-ionic / cationic
DERMASIL-JSS	Dermasil-JSS is a revolutionary product that possesses outstanding stability under alkaline conditions at high temperature conditions under which conventional amino silicone emulsions separate and cause silicone spots. It delivers a soft, silky and full hand feel with a hydrophilic property to various fabrics at lower use levels than other products. It can be applied to a variety of fabrics to deliver outstanding softness with very little yellowing compared to conventional amino silicones	<ol style="list-style-type: none"> <li>1. Amazing silicones softeners with virtually no yellowing.</li> <li>2. Can be used on all types of cotton and synthetic fabrics.</li> <li>3. Easy to handle liquid that is dilutable in water with minimal stirring.</li> <li>4. Compatible with most finishing additives.</li> </ol>	Amino modified polysiloxane fluid	Weakly cationic
FLEXSIL-BQ	It is a organo-modified polydimethylsiloxane terpolymer. It imparts a very soft, 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 the degree of whiteness.	<ol style="list-style-type: none"> <li>1. Excellent softener with outstanding hand feel on cotton &amp; PC knitted fabrics.</li> <li>2. It imparts excellent hydrophilic nature especially in cotton, yarn dyed cotton, polyester cotton and polyester for woven, non-woven, knitted and mercerized fabrics.</li> <li>3. It imparts comfort surface smoothness &amp; antistatic properties.</li> <li>4. It is suitable for knit processing in different finishing machines, especially in high speed &amp; high shear machines for broad range of cotton, blends, polyester &amp; viscose fabric.</li> <li>5. It also has chlorine water fastness properties.</li> </ol>	Silicone copolymer	Weakly cationic
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, regenerated cellulosic & cellulosic blends of fabrics irrespective of composition & structure	<ol style="list-style-type: none"> <li>1. Imparts excellent softening without hampering the hydrophilicity of the fabric.</li> <li>2. Imparts durable, wash resistant softness to fabrics.</li> </ol>	Emulsion of modified amino siloxane	Weakly cationic / non-ionic
POWERSIL-5800	Powersil-5800 is a durable macro hydrophilic, non-yellowing silicone softener designed to exhibit smooth and greasy voluminous hand on all type of fabric substrates especially for cotton sheeting fabrics	<ol style="list-style-type: none"> <li>1. Imparts excellent softening without hampering the hydrophilicity of the fabric.</li> <li>2. Imparts durable, wash resistant softness to fabrics.</li> <li>3. Non-yellowing &amp; shear stable.</li> <li>4. Suitable for cotton woven, knits &amp; its blends.</li> </ol>	Emulsion of modified amino siloxane	Weakly cationic / non-ionic
POWERSIL-6016	Powersil-6016 is a durable non-yellowing hydrophilic silicone softener designed to exhibit excellent soft, greasy & bulky hand while retaining the fabrics original water absorbency.	<ol style="list-style-type: none"> <li>1. Imparts excellent softening without hampering the hydrophilicity of the fabric. Especially suitable for woven &amp; knitted fabrics.</li> <li>2. Imparts durable, wash resistant softness to fabrics.</li> <li>3. Stable over wider range of temperature. Improved soft, smooth hand and soil release properties.</li> </ol>	Emulsion of modified amino siloxane	Weakly cationic / non-ionic
POWERSIL-750	Powersil-750 is a concentrated hydrophilic silicone emulsion which improves the wear comfort of textiles. It is used for hydrophilic treatment of fibers & textiles of all kinds.	<ol style="list-style-type: none"> <li>1. It improves the wear comfort of textiles.</li> <li>2. It allows unrestricted moisture transport within the fabric, together with the excellent smooth hand.</li> <li>3. It imparts silk 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.</li> <li>4. It bonds more strongly to the fiber than glycol and quatfunctional polysiloxanes. This leads to a better exhaustibility and wash resistance.</li> </ol>	Based on silicone fluid, functional	Non-ionic/ weakly cationic

POWERSIL-810	Powersil-810 is a self-dispersing polyether-amino-functional silicone fluid. It improves the wear comfort of textiles and is therefore particularly suitable for use with non-woven and terry goods.	<p>1. Powersil-810 considerably improves the wear comfort of textiles and is therefore particularly suitable for use with non-woven and terry goods.</p> <p>2. The hydrophilic properties are the result of the special orientation of Powersil-810 on the fiber surface. This allows unrestricted moisture transport within the fabric, together with the excellent hand that is generally associated with high-quality silicone textile softeners.</p> <p>3.</p>	Self dispersible linear AB quat	Weakly cationic
POWERSIL-811	Powersil-811 is a hydrophilic micro concentrate silicone copolymer, unique to impart hydrophilicity in addition to excellent surface smoothness and antistatic properties. Fabric treated with it can be easily re-dyed without any problem dye absorbency in the fabric.	<p>1. It imparts excellent hydrophilic nature in the fabric especially in terry towel, polyester, polyester-cotton and polyester for woven, non-woven and mercerized knitted fabric.</p> <p>2. Imparts excellent softness and better softening effect.</p> <p>3. Antistatic.</p> <p>4. Excellent exhaustibility.</p> <p>5. Compatible with wide range of finishing bath.</p> <p>6. Eco friendly.</p>	Silicone copolymer	Weakly cationic
POWERSIL-815	A premium hydrophilic silicone fluid imparting a very soft silky handle while virtually maintaining the original substrate whiteness & hydrophilicity.	<p>1. Superior affinity for many of the fabrics.</p> <p>2. Easy to emulsify.</p> <p>3. Imparts durable hydrophilic softness to fabrics.</p> <p>4. Imparts lubricity to fabrics.</p> <p>5. Causes virtually no yellowing of white or light shade goods</p>	Linear polyquaternary-polysiloxane polyalkyl alkyleneoxide copolymer	Weakly cationic
POWERSIL-DHS	A durable non-yellowing hydrophilic silicone softener	<p>1. 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.</p>	Emulsion of modified amino siloxane	Weakly Cationic
POWERSIL-GSX	Silicone softener for imparting excellent softness and luxurious surface smoothness, hydrophilic and antistatic properties to all kinds of fabrics.	<p>1.0 ffers softness along with hydrophilicity to cotton and other natural fabrics.</p> <p>2. does not cause any yellowing on white fabrics.</p>	Proprietary silicone copolymer with reactive groups	Weakly Cationic / Non-ionic
POWERSIL-HM-PLUS	Silicone softener for imparting excellent softness and luxurious surface smoothness, hydrophilic and antistatic properties to all kinds of fabrics.	<p>1.O ffers softness along 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</p> <p>2. does not cause any yellowing on white fabrics.</p> <p>3.Helps garments keep their shape during washing, drying and wearing</p>	Emulsion of modified amino siloxane	Weakly cationic / Non-ionic
POWERSIL-HSX	Silicone softener imparting excellent softness and very good surface smoothness, hydrophilic and antistatic properties to all kinds of fabrics.	<p>1. Can be applied on all kinds of goods including whites and pastel shades. No shade change or fastness impairment of finished goods</p>	Modified polysiloxane & specialty surfactants	Weakly Cationic / Non-ionic
POWERSIL-HSX-D	Silicone softener imparting excellent softness and very good surface smoothness, hydrophilic and antistatic properties to all kinds of fabrics.	<p>1. Can be applied on all kinds of goods including whites and pastel shades. No shade change or fastness impairment of finished goods</p>	Modified polysiloxane & specialty surfactants	Weakly Cationic / Non-ionic
POWERSIL-HT	A premium hydrophilic silicone fluid imparting a very soft silky handle while virtually maintaining the original substrate whiteness & hydrophilicity.	<p>1. Superior affinity for many of the fabrics.</p> <p>2. Easy to emulsify.</p> <p>3. Imparts durable hydrophilic softness to fabrics.</p> <p>4. Imparts lubricity to fabrics.</p> <p>5. Causes virtually no yellowing of white or light shade goods</p>	Linear polyquaternary-polysiloxane polyalkyl alkyleneoxide copolymer	Weakly cationic
POWERSIL-KSM	A speciality hydrophilic softener for all types of fabrics, especially terry towels and knits	<p>1. Imparts excellent softening without hampering the hydrophilicity of the fabric. Excellent pile retention. Especially suitable for terry towels</p> <p>2.Low viscosity &amp; pumpable. Suitable for auto-dispensing systems.</p>	Emulsion of modified amino siloxane	Weakly Cationic
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.	<p>1. Imparts excellent softening without hampering the hydrophilicity of the fabric.</p> <p>2. Imparts durable, wash resistant softness to fabrics.</p> <p>3. Non-yellowing &amp; shear stable.</p> <p>4. Stable over wider range of temperature. Improved soft, smooth hand and soil release properties.</p>	Self dispersible linear AB quat	Cationic

POWERSIL-OPS	Powersil OPS a textile softener is a specialty silicone emulsion that has been shown to provide multiple performance benefits on virtually all types of fabric.	<p>1. Full softness, slickness 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 Improved fabric drapeability and wrinkle resistance</p> <p>3.</p>	Polydimethylsiloxane with functional groups (emulsion in water)	Weakly cationic / Non-ionic
POWERSIL-SBK	Powersil-SBK endows the fabric with excellent soft, surface smoothness & silky handle. It has outstanding stability at the high temperatures. Treated fabric delivers soft, surface smooth, silky feel to various fabrics, especially the plain fabrics, such as trousers, polyester& polyester viscose fabrics	<p>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. Powersil-SBK gives excellent surface smoothness on cotton &amp; viscose rayon fabric. 5. It has high performance on price ratio compared with the other common blocking silicon oil.</p>	Emulsion of modified amino siloxane	Non-ionic
POWERSIL-SBS	Powersil-SBS is a semi-micro emulsion of an epoxy modified organo functional silicone elastomer to give permanent finish on all types of fibres and blends	<p>1. Excellent elastic resilience. 2. Improved wash &amp; 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 knit goods.</p>	Amino modified silicone elastomer (quaternary silicone)	Weakly cationic / Non-ionic
POWERSIL-SE	A durable concentrated non-yellowing hydrophilic silicone softener designed to exhibit excellent soft, smooth and greasy bulky hand while retaining the fabrics original water absorbency	<p>1. Imparts excellent softening without hampering the hydrophilicity of the fabric. 2. Non-yellowing &amp; shear stable. 3. Imparts good moisture management finish &amp; hence suitable for PE &amp; PE rich blended fabrics.</p>	Emulsion of modified amino siloxane	Weakly cationic / Non-ionic
POWERSIL-TS-NEW	Silicone softener for imparting excellent softness and luxurious surface smoothness, hydrophilic and antistatic properties to all kinds of fabrics.	<p>1.Offers softness along with hydrophilicity to cotton and other natural fabrics. 2. does not cause any yellowing on white fabrics.</p>	Proprietary silicone copolymer with reactive groups	Weakly Cationic / Non-ionic
POWERSIL-TSP/CONC	Powersil TSP/conc is a durable, hydrophilic silicone softening and smoothing agent for textiles of all fiber types	<p>1. Treated fabric confers voluminous handle effects, especially suitable for white goods or microfibers. 2. Imparts excellent soft bulky handle. 3. Gives excellent surface smoothness with bulk on cotton sheeting fabric</p>	Proprietary silicone copolymer with reactive groups	Weakly Cationic
POWERSIL-TS-SPL	Silicone softener for imparting excellent softness and luxurious surface smoothness, hydrophilic and antistatic properties to all kinds of fabrics.	<p>1.Offers softness along with hydrophilicity to cotton and other natural fabrics. 2. does not cause any yellowing on white fabrics.</p>	Proprietary silicone copolymer with reactive groups	Weakly Cationic / Non-ionic
POWERSIL-TTK	Powersil-TTK is a hydrophilic silicone softener for comfort and easy care finish. 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.	<p>1. Imparts excellent soft bulky handle. 2. Good hydrophilic properties and water retention. 3. Imparts fabric comfort 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.</p>	Proprietary silicone copolymer with reactive groups	Weakly Cationic / Non-ionic
PRODUCT-6000	A speciality hydrophilic softener for all types of fabrics, especially terry towels and knits	<p>1. Imparts excellent softening without hampering the hydrophilicity of the fabric. Excellent pile retention. Especially suitable for terry towels 2.Low viscosity &amp; pumpable. Suitable for auto-dispensing systems.</p>	Emulsion of modified amino siloxane	Weakly Cationic
AQUASIL-6138	Aquasil-6138 is a durable non-yellowing hydrophilic silicone softener designed to exhibit excellent soft, greasy & bulky hand while retaining the fabrics original water absorbency & pile. Treated fabrics exhibits excellent water retention properties suitable for Terry, Cotton knits and its blends.	<p>1. Imparts excellent softening without hampering the hydrophilicity of the fabric. 2. Imparts durable, wash resistant softness to fabrics. 3. Non-yellowing &amp; shear stable hence suitable in application in high turbulence equipment's like JET, Soft flow machine etc. 4. Imparts good moisture management finish &amp; hence suitable for PE &amp; PE rich blended fabrics. 5. Stable over wider range of temperature. Improved soft, smooth hand and soil release properties</p>	Emulsion of modified amino siloxane	Weakly Cationic

AQUASIL-6746	Aquasil-6746 is a durable non-yellowing hydrophilic silicone softener designed to exhibit excellent soft, greasy & bulky hand while retaining the fabrics original water absorbency & pile. Treated fabrics exhibits excellent water retention properties.	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 JET, Soft flow machine etc. 4. Imparts good moisture management finish & hence suitable for PE & PE rich blended fabrics. 5. Stable over wider range of temperature. Improved soft, smooth hand and soil release properties	Emulsion of modified amino siloxane	Weakly Cationic
AQUASIL-DSQ/Powersil DSQ	Aquasil-DSQ is a durable hydrophilic, non-yellowing silicone softener designed 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 machine etc.	1. Imparts excellent softening without hampering the hydrophilicity of the 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 soil release properties.	Emulsion of modified amino siloxane	Weakly cationic
AQUASIL-MHF	Aquasil-MHF is a durable non-yellowing hydrophilic silicone softener designed to exhibit excellent soft, greasy & bulky hand while retaining the fabrics original water absorbency & pile. Treated fabrics exhibits excellent water retention properties suitable for Terry, Cotton knits and its blends.	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 JET, Soft flow machine etc. 4. Imparts good moisture management finish & hence suitable for PE & PE rich blended fabrics. 5. Stable over wider range of temperature. Improved soft, smooth hand and soil release properties	Emulsion of modified amino siloxane	Weakly Cationic
AQUASIL-RW	Aquasil-RW is a durable hydrophilic silicone softener designed to exhibit luxuriously soft & flexible hand feels to all types of cellulosic, regenerated cellulosic & cellulosic blends of fabrics irrespective of composition & structure.	1. Imparts excellent softening without hampering the hydrophilicity of the fabric. 2. Towels appear bulked and extremely soft. 3. It confers 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	Weakly cationic / non-ionic
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.	1. Imparts excellent softening without hampering the hydrophilicity of the fabric. 2. Imparts durable, wash resistant softness to fabrics. 3. Non-yellowing & shear stable.	Emulsion of modified amino siloxane	Weakly cationic / non-ionic
AQUASIL-SI	Aquasil-SI is a economical hydrophilic silicone softener designed to exhibit luxuriously soft & flexible hand feels to all types of fabrics	1. Imparts excellent softening without hampering the hydrophilicity of the fabric. 2. Imparts durable, wash resistant softness to fabrics. 3. Non-yellowing & shear stable.	Emulsion of modified amino siloxane	Weakly cationic / non-ionic
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.	1. Low viscosity & pumpable. 2. Excellent hydrophilic character & can be used along with moisture management product. 3. In polyester fabric when used along with moisture management, it does not leave water mark.	Modified amino siloxane	Weakly cationic / non-ionic
AQUASIL-TSH	Aquasil-TSH is a durable hydrophilic silicone softener designed to exhibit very soft & flexible hand feels to all types of cellulosic, regenerated cellulosic & cellulosic blends	1. Imparts excellent softening without hampering the hydrophilicity of the 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 soil release properties.	Emulsion of modified amino siloxane	Weakly cationic / non-ionic

AQUASIL-TSP	Softener and smoothing agent for woven and knitted fabrics composed of cellulosic fibres, wool and synthetic fibres and their blends.	<ol style="list-style-type: none"> <li>1. Improves the tear strength, abrasion resistance and sewability. Gives a very smooth, soft handle. Very good wash resistance.</li> <li>2. It exhibits very soft smooth greasy handle on knits.</li> <li>3. Greater stability to shearing forces &amp; hence suitable in application in high turbulence equipment's like JET, Soft flow machine etc.</li> <li>5. Stable over wider range of temperature.</li> <li>6 Increases the resilience of wovens and improves the elastic recovery of knitgoods.</li> </ol>	Emulsion of modified aminosiloxane	Non-ionic
AQUASIL-WRT	<p>Aquasil-WRT is a durable concentrated hydrophilic silicone softener designed to exhibit luxuriously soft &amp; flexible hand feels to all types of cellulosic, regenerated cellulosic &amp; cellulosic blends of fabrics irrespective of composition &amp; structure.</p> <p>It confers a very soft, voluminous handle with good surface smoothness. Excellent maintenance of the absorptive properties of hydrophilic textiles</p>	<ol style="list-style-type: none"> <li>1. Imparts excellent softening without hampering the hydrophilicity of the fabric.</li> <li>2. Imparts durable, wash resistant softness to fabrics.</li> <li>3. Non-yellowing &amp; shear stable.</li> <li>4. Towels appear bulked and extremely soft.</li> <li>5. Stable over wider range of temperature. Improved soft, smooth hand and soil release properties.</li> <li>6. Low viscosity &amp; pumpable.</li> <li>7. Suitable for auto-dispensing systems</li> </ol>	Emulsion of modified amino siloxane	Weakly cationic / non-ionic
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 fabrics & garments, irrespective of composition & structure	<ol style="list-style-type: none"> <li>1. Imparts durable, wash resistant softness to fabrics.</li> <li>3. Non-yellowing &amp; shear stable hence suitable in application in high turbulence equipment's like JET, Soft flow machine etc.</li> </ol>	Emulsion of modified amino siloxane	Weakly cationic / Non-ionic
POWERSIL-208	Powersil-208 is a self-dispersing polyether-amino-functional silicone fluid. It considerably improves the wear comfort of textiles and is therefore particularly suitable for use with non-woven and terry goods.	<ol style="list-style-type: none"> <li>1. The hydrophilic properties allows unrestricted moisture transport within the fabric, together with the excellent hand.</li> <li>2. It does not generally affect the color shade or fastness of colored goods.</li> <li>3. It bonds more strongly to the fiber surface than glycol- and quat-functional polysiloxanes. This leads to better exhaustibility and wash resistance.</li> <li>4. Formulations based on it have a pH stability that extends well into the alkaline range.</li> <li>5. It offers good shear stability.</li> </ol>	Self dispersible linear AB quat	Cationic
POWERSIL-500	Powersil-500 imparts a pleasant, soft, supple hand to woven and knitted fabrics as well as to towels	<ol style="list-style-type: none"> <li>1. Finishing with it improves the moisture management of the treated textiles.</li> <li>2. Additionally wash-and-wear properties and the crease recovery angle, sewability and tear strength are increased and abrasion loss is reduced.</li> <li>3. It does not generally affect the color shade or fastness of colored goods.</li> </ol>	Based on silicone fluid	Non-ionic
POWERSIL-6039	Powersil-6039 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, such as trousers, polyester& polyester viscose fabrics. It is Shear stable	<ol style="list-style-type: none"> <li>1. Shear stable elastomeric silicone softener with excellent soft hand.</li> <li>2. Excellent elastomeric effect.</li> <li>3. Very good bath compatibility with other bath ingredients.</li> <li>4. Effectively solved the problem of demulsification and sticking to the roller.</li> <li>5. It gives excellent surface smoothness on cotton &amp; viscose rayon fabric.</li> <li>6. It has high performance on price ratio compared with the other common blocking silicon oil.</li> </ol>	Emulsion of modified amino siloxane	Slightly cationic
POWERSIL-6315	Powersil-6315 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, such as trousers, polyester& polyester viscose fabrics. It is Shear stable	<ol style="list-style-type: none"> <li>1. Shear stable elastomeric silicone softener with excellent soft hand.</li> <li>2. Excellent elastomeric effect.</li> <li>3. Very good bath compatibility with other bath ingredients.</li> <li>4. Effectively solved the problem of demulsification and sticking to the roller.</li> <li>5. It gives excellent surface smoothness on cotton &amp; viscose rayon fabric.</li> <li>6. It has high performance on price ratio compared with the other common blocking silicon oil.</li> </ol>	Emulsion of modified amino siloxane	Slightly cationic

POWERSIL-SBK	Powersil-SBK endows the fabric with excellent soft, surface smoothness & silky handle. It has outstanding stability at the high temperatures. Treated fabric delivers soft, surface smooth, silky feel to various fabrics, especially the plain fabrics, such as trousers, polyester& polyester viscose fabrics.	<ol style="list-style-type: none"> <li>Effectively solved the problem of demulsification and sticking to the roller.</li> <li>Outstanding compatible performance.</li> <li>If complexed with the amino silicone oil, it will improve the application performance.</li> <li>Powersil-SBK gives excellent surface smoothness on cotton &amp; viscose rayon fabric.</li> <li>It has high performance on price ratio compared with the other common blocking silicon oil.</li> </ol>	Emulsion of modified amino siloxane	Non-ionic
DERMASIL-NWS	Iblock silicone emulsion for excellent inner softness & body break on PV & PES fabrics	<ol style="list-style-type: none"> <li>Provides a high level of softness (inner softness for all types of synthetic fabric especially polyester &amp; their blends.</li> <li>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.</li> <li>Works at very low dosage.</li> </ol>	Block amino silicone emulsion	Non-ionic
DERMASIL-SOFT	Iblock silicone emulsion for excellent inner softness & body break on PV & PES fabrics	<ol style="list-style-type: none"> <li>Provides a high level of softness (inner softness for all types of synthetic fabric especially polyester &amp; their blends.</li> <li>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.</li> <li>Works at very low dosage.</li> </ol>	Block amino silicone emulsion	Non-ionic
FLEXSIL-5837	Flexsil-5837 is designed to provide soft, silk hand to fabrics. The softness provided by Flexsil-5837 is durable for numerous detergent washes.	<ol style="list-style-type: none"> <li>Suitable for all normal application methods, such as pad bath, exhaustion and spray.</li> <li>Dilutions are extremely shear stable. Easily diluted with water.</li> <li>It is self-emulsifiable emulsion with outstanding stability.</li> <li>It imparts superior softness and very low yellowing compared to conventional amino silicones when applied to a wide variety of fabrics of polyester fabric &amp; their blends.</li> <li>In addition, fabrics treated with it are not hydrophobic.</li> </ol>	Polydimethylsiloxane with functional groups (aqueous emulsion)	Weakly cationic / non-ionic
POWERSIL-238	With its linear molecular architecture, high molecular weight and low viscosity, Powersil 238 textile enhancer generally demonstrates many key benefits, including superior non yellowing amine functionality and the ability to combine both hydrophilic and silicone moieties.	<ol style="list-style-type: none"> <li>Linear Molecular Architecture: - Effective at 3-5 g/l in the bath, as received. It may provide a high level of natural softness to synthetics and their blends with natural fibers.</li> <li>High Molecular Weight: - Delivers properties similar to those of reactive elastomeric finishes, such as durability and resistance.</li> <li>Non yellowing amino type Functionality: - Low yellowing, good stability under most finishing conditions, including jet/overflow.</li> </ol>	Self-dispersible linear AB quat	Cationic
POWERSIL-5865	Powersil-5865 endows the fabric with excellent soft, surface smoothness & silky handle. It has outstanding stability at the high temperatures. Treated fabric delivers soft, surface smooth, silky feel to various fabrics, especially the plain fabrics, such as trousers, polyester& polyester viscose fabrics	<ol style="list-style-type: none"> <li>Effectively solved the problem of demulsification and sticking to the roller.</li> <li>Outstanding compatible performance.</li> <li>If complexed with the amino silicone oil, it will improve the application performance.</li> <li>Powersil-5865 gives excellent surface smoothness on cotton &amp; viscose rayon fabric.</li> <li>It has high performance on price ratio compared with the other common blocking silicon oil</li> </ol>	Emulsion of modified amino siloxane	Non-ionic
POWERSIL-6025	Powersil-6025 endows the fabric with excellent soft, surface smoothness & silky handle. It has outstanding stability at the high temperatures. Treated fabric delivers soft, surface smooth, silky feel to various fabrics, especially the plain fabrics, such as trousers, polyester& polyester viscose fabrics	<ol style="list-style-type: none"> <li>Effectively solved the problem of demulsification and sticking to the roller.</li> <li>Outstanding compatible performance.</li> <li>If complexed with the amino silicone oil, it will improve the application performance.</li> <li>Powersil-6025 gives excellent surface smoothness on cotton &amp; viscose rayon fabric.</li> <li>It has high performance on price ratio compared with the other common blocking silicon oil</li> </ol>	Emulsion of modified amino siloxane	Non-ionic

POWERSIL-777	Powersil-777 is a newly developed softener composed of amino modified polysiloxane as its principal active compound. Treated fabric imparts very soft, lively smooth handle	<ol style="list-style-type: none"> <li>1. It has a strong affinity for all fibers since it has a reactive amino functional group in its structure.</li> <li>2. Treated fabric imparts very soft, lively smooth handle.</li> <li>3. Treated fabric gives excellent inner softness especially on polyester &amp; P/V fabric.</li> </ol>	Modified polysiloxane & specialty surfactants	Weakly cationic
POWERSIL-AS	Powersil-AS is a novel textile softener of linear polydimethylsiloxane amino polyalkyleneoxide copolymer. It is designed to provide soft, silky, hand to fabrics. The softness provided by Powersil-AS is durable for numerous detergent washes	<ol style="list-style-type: none"> <li>1. Provides a high level of softness for all types of synthetic fabric especially polyester &amp; their blends.</li> <li>2. Does not cause fabric yellowing.</li> <li>3. Suitable for all normal application methods, such as pad bath, exhaustion and spray.</li> <li>4. Dilutions are extremely shear stable. Easily diluted with water or alcohol.</li> <li>5. Water dilutions have excellent compatibility with finishing baths.</li> <li>6. Can be co-applied with fluorocarbon soil release agents</li> </ol>	Modified polysiloxane & specialty surfactants	Non-ionic
POWERSIL-AS-ECO	Powersil-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 dye ability and moderate shear stability at a typical bath condition for textile finishing. The softness provided by Powersil-AS-ECO is durable for numerous detergent washes.	<ol style="list-style-type: none"> <li>1. The new modified group endows the fabric with excellent soft, smooth, silky handle.</li> <li>2. Effectively solved the problem of demulsification and sticking to the roller.</li> <li>3. Outstanding compatible performance.</li> <li>4. If complexed with the amino silicone oil, it will improve the application performance.</li> </ol>	Polysiloxanes, Polyether	Weakly cationic / Non-ionic
POWERSIL-BB	Powersil-BB 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>	Polysiloxanes, Polyether	Weakly cationic / Non-ionic
POWERSIL-BRK	Powersil-BRK not only can help provide in-depth softness and slickness, but also 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. The softness provided by Powersil-BRK is durable for numerous detergent washes	<ol style="list-style-type: none"> <li>1. Provides a high level of softness (inner softness for all types of synthetic fabric especially polyester &amp; their blends.</li> <li>2. Does not cause fabric yellowing.</li> <li>3. 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.</li> <li>4. Suitable for all normal application methods, such as pad bath, exhaustion and spray.</li> <li>5. Dilutions are extremely shear stable. Easily diluted with water or alcohol.</li> <li>6. Water dilutions have excellent compatibility with finishing baths.</li> <li>7. Can be co-applied with fluorocarbon soil release agents.</li> <li>8. Works at very low dosage.</li> <li>9. May be used with most types of typical equipment's for textile finishing.</li> </ol>	Block amino silicone emulsion	Non-ionic
POWERSIL-PRS	Powersil-PRS provides in-depth luxuriously silky 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 wool, cashmere and its blends.	<ol style="list-style-type: none"> <li>1. Provides a high level of softness (inner softness for all types of synthetic fabric especially polyester &amp; their blends.</li> <li>2. Does not cause fabric yellowing.</li> <li>3. Resistant to thermo-migration.</li> <li>4. Suitable for all normal application methods, such as pad bath, exhaustion and spray.</li> </ol>	Block amino silicone emulsion	Weakly cationic / Non-ionic
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, such as trousers, polyester& polyester viscose fabrics. It is Shear stable.	<ol style="list-style-type: none"> <li>1. Shear stable elastomeric silicone softener with excellent soft hand.</li> <li>2. Excellent elastomeric effect.</li> <li>3. Very good bath compatibility with other bath ingredients.</li> <li>4 Gives powdery feel on polyester fabric</li> </ol>	Emulsion of modified amino siloxane	Non-ionic

POWERSIL-SA	Powersil-SA is a novel textile softener of linear Polysiloxanes polyether. It is designed to provide soft, silky, full hand to fabrics treated with fluorocarbon soil release additives, while incurring little or no interference with the soil release properties. The softness provided by Powersil-SA is durable for numerous detergent washes	<ol style="list-style-type: none"> <li>Provides a high level of softness for all types of synthetic fabric especially polyester &amp; their blends.</li> <li>Does not cause fabric yellowing.</li> <li>Suitable for all normal application methods, such as pad bath, exhaustion and spray.</li> <li>Dilutions are extremely shear stable. Easily diluted with water.</li> <li>Water dilutions have excellent compatibility with finishing baths.</li> <li>It imparts superior softness and very low yellowing compared to conventional amino silicones when applied to a wide variety of fabrics of polyester fabric &amp; their blends.</li> <li>In addition, fabrics treated with Powersil-SA are not hydrophobic. It imparts a slow wetting durable hydrophilic character to fabrics</li> </ol>	Polysiloxanes polyether	Non-ionic
POWERSIL-2150	Powersil-2150 is a silicone emulsion of a special organo modified block poly siloxane. It imparts extremely soft, silky, smooth handle on all types of fabric especially cellulosic fabrics. Powersil-2150 penetrate deep into the fiber bundle giving a luxurious soft handle.	<ol style="list-style-type: none"> <li>Gives excellent soft, smooth &amp; elastic handle on all types of cellulosic woven &amp; knit fabrics.</li> <li>Can be applied by pad and exhaust.</li> <li>Its fine particles size ensures faster &amp; uniform penetration into the fabric, making it less a surface treatment &amp; more an internal softener.</li> <li>Premium softness &amp; silky luxuries handle on woven &amp; knitted fabrics.</li> <li>On cotton, cootn lycra &amp; PC knits, by wet on wet pad when used along with Powersil ACN-ECO-30 gives peaches, gold finish</li> </ol>	Modified polysiloxane & specialty surfactants	Non-ionic
POWERSIL-3096	Powersil-3096 is highly effective high performance semi-micro emulsion of reactive organo modified polysiloxane, for permanent finish on all types of fabric substrates. Powersil-ACN-ECO treated fabric exhibit excellent soft & smooth handle on all types of fabric.	<ol style="list-style-type: none"> <li>Gives excellent soft, smooth handle on all types of fabrics.</li> <li>Improves sewability, crease recovery &amp; tensile strength of the fabric.</li> <li>Can be applied by pad &amp; exhaust method.</li> <li>Improves the stretch &amp; recovery capacity of knit goods.</li> <li>Improves tear strength &amp; reduces abrasion loss.</li> <li>Effects are fast to washing &amp; dry cleaning.</li> <li>On cotton, cootn lycra &amp; PC knits, by wet on wet pad when used along with Powersil 2150 gives peaches, gold finish</li> </ol>	Modified polysiloxane & specialty surfactants	Non-ionic
POWERSIL-3911	Powersil-3911 not only can help provide in-depth softness and slickness, but also 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. The softness provided by Powersil-3911 is durable for numerous detergent washes.	<ol style="list-style-type: none"> <li>Provides a high level of softness (inner softness for all types of synthetic fabric especially polyester &amp; their blends.</li> <li>Does not cause fabric yellowing.</li> <li>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.</li> <li>Suitable for all normal application methods, such as pad bath, exhaustion and spray.</li> <li>Dilutions are extremely shear stable. Easily diluted with water or alcohol.</li> <li>Water dilutions have excellent compatibility with finishing baths.</li> <li>Can be co-applied with fluorocarbon soil release agents.</li> <li>Works at very low dosage.</li> <li>May be used with most types of typical equipment's for textile finishing</li> </ol>	Block amino silicone emulsion	Weakly Cationic / Non-ionic
POWERSIL-3946	Powersil-3946 is block silicone emulsion. Powersil-3946 not only can help provide in-depth softness and slickness, but also features resistance fabric whiteness, re-dye ability, over dye ability and moderate shear stability at a typical bath condition for textile finishing. The softness provided by Powersil-3946 is durable for numerous detergent washes	<ol style="list-style-type: none"> <li>The new modified group endows the fabric with excellent soft, smooth, silky handle especially on cotton &amp; cotton rich blends</li> <li>Effectively solved the problem of demulsification and sticking to the roller.</li> <li>Outstanding compatible performance.</li> <li>If complexed with the amino silicone oil, it will improve the application performance</li> </ol>	Block Amino silicone emulsion	Weakly cationic / Non-ionic
POWERSIL-4333	Powersil-4333 is a silicone emulsion of a special organo modified block poly siloxane. It imparts extremely soft, silky, smooth handle on all types of fabric especially cellulosic fabrics. Powersil-4333 penetrates deep into the fiber bundle giving a luxurious soft handle	<ol style="list-style-type: none"> <li>Gives excellent soft, smooth &amp; elastic handle on all types of cellulosic woven &amp; knit fabrics.</li> <li>Its fine particles size ensures faster &amp; uniform penetration into the fabric, making it less a surface treatment &amp; more an internal softener.</li> <li>Premium softness &amp; silky luxuries handle on woven &amp; knitted fabrics</li> </ol>	Modified polysiloxane & specialty surfactants	Non-ionic

POWERSIL-5545	Powersil-5545 is a silicone emulsion of a special organo modified block poly siloxane. It imparts extremely soft, silky, smooth handle on all types of fabric especially cellulosic fabrics. Powersil-2150 penetrate deep into the fiber bundle giving a luxurious soft handle.	<ol style="list-style-type: none"> <li>1. Gives excellent soft, smooth &amp; elastic handle on all types of cellulosic woven &amp; knit fabrics.</li> <li>2. Can be applied by pad and exhaust.</li> <li>3. Its fine particles size ensures faster &amp; uniform penetration into the fabric, making it less a surface treatment &amp; more an internal softener.</li> <li>4. Premium softness &amp; silky luxuries handle on woven &amp; knitted fabrics.</li> <li>5. On cotton, cootn lycra &amp; PC knits, by wet on wet pad when used along with Powersil ACN-ECO-30 gives peaches, gold finish</li> </ol>	Modified polysiloxane & specialty surfactants	Non-ionic
POWERSIL-ACN-ECO	Powersil-ACN-ECO is highly effective high performance semi-micro emulsion of reactive organo modified polysiloxane, for permanent finish on all types of fabric substrates. Powersil-ACN-ECO treated fabric exhibit excellent soft & smooth handle on all types of fabric.	<ol style="list-style-type: none"> <li>1. Gives excellent soft, smooth handle on all types of fabrics.</li> <li>2. Improves sewability, crease recovery &amp; tensile strength of the fabric.</li> <li>3. Can be applied by pad &amp; exhaust method.</li> <li>4. Improves the stretch &amp; recovery capacity of knit goods.</li> <li>5. Improves tear strength &amp; reduces abrasion loss.</li> <li>6. Effects are fast to washing &amp; dry cleaning.</li> <li>7. On cotton, cootn lycra &amp; PC knits, by wet on wet pad when used along with Powersil 2150 gives peaches, gold finish</li> </ol>	Modified polysiloxane & specialty surfactants	Non-ionic
POWERSIL-CES	Powersil-CES not only can help provide in-depth softness and slickness, but also 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. Economical block emulsion	<ol style="list-style-type: none"> <li>1. Provides a high level of softness (inner softness for all types of synthetic fabric especially polyester &amp; their blends.</li> <li>2. Does not cause fabric yellowing.</li> <li>3. 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.</li> <li>4. Suitable for all normal application methods, such as pad bath, exhaustion and spray.</li> </ol>	Block amino silicone emulsion	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
TOPSOFT-EME	Topsoft-EME is highly effective high performance macro emulsion of reactive organo modified polysiloxane, for permanent finish on all types of fabric substrates. Topsoft-EME treated fabric exhibit excellent soft & smooth handle on all types of fabric.	<ol style="list-style-type: none"> <li>1. Gives excellent soft, smooth handle on all types of fabrics.</li> <li>2. Improves sewability, crease recovery &amp; tensile strength of the fabric.</li> <li>3. Can be applied by pad &amp; exhaust method.</li> <li>4. Improves the stretch &amp; recovery capacity of knit goods.</li> <li>5. Improves tear strength &amp; reduces abrasion loss.</li> <li>6. Effects are fast to washing &amp; dry cleaning</li> </ol>	Modified polysiloxane	Non-ionic
FLEXSIL-4916	Flexsil 4916 is economical 60% block silicone emulsion with excellent surface smoothness & balance softness	<ol style="list-style-type: none"> <li>1. Economical, easy to dilute. Suitable for cotton woven &amp; knitted fabric.</li> <li>2. Can be applied by pad &amp; exhaust method.</li> <li>3. Treated fabric exhibits fluffy smooth slick feel on polyester mink, rugs, fleece, chenille fabrics.</li> </ol>	Block amino silicone emulsion	Weakly cationic / non-ionic
POWERSIL-5811	Powersil-5811 is used with a variety of fabrics, like cotton woven & knitted, polyester, polyamide, acrylic fabrics and spandex blends, as well as wool, cashmere, fleece fabric, raised fabric, PES mink, PES rugs and its blends	<ol style="list-style-type: none"> <li>1. It is self-emulsifiable emulsion with outstanding stability.</li> <li>2. Ultra-low yellowing.</li> <li>3. Excellent stability under most finishing conditions, including jet/overflow, etc.</li> <li>4. Excellent fiber elasticity and shape recovery.</li> </ol>	Emulsion of siloxanes and silicones, polyether	Weakly cationic / non-ionic
POWERSIL-5812	Powersil-5812 is used with a variety of fabrics, like cotton woven & knitted, polyester, polyamide, acrylic fabrics and spandex blends, as well as wool, cashmere, fleece fabric, raised fabric, PES mink, PES rugs and its blends	<ol style="list-style-type: none"> <li>1. Economical, easy to dilute. Suitable for cotton woven &amp; knitted fabric.</li> <li>2. Can be applied by pad &amp; exhaust method.</li> <li>3. Treated fabric exhibits fluffy smooth slick feel on polyester mink, rugs, fleece, chenille fabrics.</li> </ol>	Emulsion of siloxanes and silicones, polyether	Weakly cationic / non-ionic

POWERSIL-5853	Powersil-5853 not only can help provide in-depth softness and slickness, but also 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.	1. Provides a high level of softness (inner softness for all types of synthetic 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 functional silicones.	Block amino silicone emulsion	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	1. Treated fabric exhibits fluffy smooth feel. 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 4. Treated fabric exhibits fluffy smooth slick feel on polyester mink, rugs, fleece, chenille fabrics.	Emulsion of siloxane & silicones, polyether	Weakly cationic / non-ionic
POWERSIL-RSB	Powersil-RSB is 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.	1. Treated fabric exhibits fluffy smooth feel. 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	Emulsion of siloxane & silicones, polyether	Weakly cationic / non-ionic
POWERSIL-PC	Powersil-PC 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 slick silky handle. 2. Excellent surface smoothness with improved fabric drape & fall & enhanced wrinkle recovery. 3. Enhanced fabric physicals i.e. tear strength, flex abrasion resistance, cut & sew performance 4. Completely non yellowing	Hindered amino silicone emulsion	Non-ionic/ weakly cationic
LUBALLEN-AH	Luballen-AH is a nonionic micro emulsion of hydrophilic hindered amino fluid 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. Shear stable & hence suitable for high turbulence machines like jet & softflow	1. Imparts a very soft & silky handle with excellent surface smoothness. 2. Non-yellowing finish even at high temperatures making it suitable for full white fabrics & dyed fabrics with large white grounds. 3. Due to its OBA compatibility & non yellowing character it can be used on OBA or full white fabrics. 4. Enhanced wrinkle resistance & wash and wear ratings. 5. Its fine particle size ensures easier & uniform penetration into the fibre making it an excellent internal softener. 6. Good inter fiber lubricity with reduced blending rigidity resulting in improved drape & full of fabric. 7. No effect in dyed shades. Improved tear strength, tensile resilience abrasion resistance, sewability & cut and sew performance. 8. Shear stable & hence suitable for high turbulence machines like jet & softflow.	Hindered amino silicone emulsion	Non-ionic
POWERSIL-EPS	Powersil-EPS is non-ionic oil in water macro 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 slick silky handle. 2. Excellent surface smoothness with improved fabric drape & fall & enhanced wrinkle recovery. 3. Enhanced fabric physicals i.e. tear strength, flex abrasion resistance, cut & sew performance 4. Completely non yellowing	Hindered amino silicone emulsion	Non-ionic
POWERSIL-SPS	Powersil-SPS is a non-ionic semi-micro/macro emulsion of hindered amino modified poly siloxane containing ultra low levels of surfactants. It imparts excellent softness & slick surface smoothness	1. Excellent softness with a slick silky handle. 2. Excellent surface smoothness with improved fabric drape & fall & enhanced wrinkle recovery. 3. Enhanced fabric physicals i.e. tear strength, flex abrasion resistance, cut & sew performance. 4. Ultra-low yellowing.	Hindered amino silicone emulsion	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	1. Treated fabric gives excellent smooth fluffy and greasy surface on all type of fabrics fluffy 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.	Block silicone	Weakly cationic / non-ionic

POWERSIL-5351	Powersil-5351 endows the fabric with excellent soft, surface smoothness & silky handle.	<ol style="list-style-type: none"> <li>Effectively solved the problem of demulsification and sticking to the roller.</li> <li>Outstanding compatible performance.</li> <li>Powersil-5351 gives excellent surface smoothness on cotton &amp; viscose rayon fabric.</li> </ol>	Modified polysiloxane & specialty	Non-ionic
Powersil-5350	Powersil-5350 endows the fabric with excellent soft, surface smoothness & silky handle. It has outstanding stability at the high temperatures. Treated fabric delivers soft, surface smooth, silky feel to various fabrics, especially the plain fabrics, such as trousers, polyester, polyester viscose & on fleece fabrics	<ol style="list-style-type: none"> <li>Effectively solved the problem of demulsification and sticking to the roller.</li> <li>Outstanding compatible performance.</li> <li>If complexed with the amino silicone oil, it will improve the application performance.</li> <li>Powersil-5350 gives excellent surface smoothness on cotton &amp; viscose rayon fabric.</li> <li>It has high performance on price ratio compared with the other common blocking silicon oil.</li> </ol>	Modified polysiloxane & specialty	Non-ionic / weakly cationic
DERMASIL-CMW	Dermasil-CMW is a highly effective non-yellowing, high performance micro emulsion for permanent finish on all types of fibers. Gives excellent soft & smooth, slightly bulky handle on all types of fabric. Shear stable	<ol style="list-style-type: none"> <li>Gives excellent soft, smooth handle on all types of fabrics &amp; with very little impact on hydrophilicity.</li> <li>Improves sewability, crease recovery &amp; tensile strength of the fabric</li> <li>Can be applied by pad &amp; exhaust method.</li> <li>Improves the stretch &amp; recovery capacity of knit goods.</li> <li>It is non-yellowing silicone softener improves tear strength &amp; reduces abrasion loss. Effects are fast to washing &amp; dry cleaning.</li> <li>Shear stable.</li> </ol>	Modified polysiloxane	Non-ionic
POWERSIL-EHS	Powersil-EHS is a durable, concentrated amino modified polysiloxane ultralow-yellowing silicone softener designed to exhibit excellent soft, smooth and greasy bulky hand. It is shear stable and hence suitable in application in high turbulence equipment's like JET, Soft flow machine etc	<ol style="list-style-type: none"> <li>Imparts excellent softening agent for types of fabric substrates.</li> <li>Imparts durable, wash resistant softness to fabrics.</li> <li>Non-yellowing &amp; shear stable.</li> <li>Stable over wider range of temperature</li> </ol>	Amino modified polysiloxane & speciality surfactants	Non-ionic
PRODUCT-100850	Product-100850 is highly effective non-yellowing, high performance micro emulsion for permanent finish on all types of fibers. Gives excellent soft & smooth, slightly bulky handle on all types of fabric. It is Shear stable	<ol style="list-style-type: none"> <li>Gives excellent soft, smooth handle on all types of fabrics &amp; with very little impact on hydrophilicity.</li> <li>Improves sewability, crease recovery &amp; tensile strength of the fabric</li> <li>Can be applied by pad &amp; exhaust method.</li> <li>Improves the stretch &amp; recovery capacity of knit goods.</li> <li>It is non-yellowing silicone softener improves tear strength &amp; reduces abrasion loss. Effects are fast to washing &amp; dry cleaning.</li> <li>Shear stable.</li> </ol>	Modified polysiloxane	Non-ionic
POWERSIL-1073	Powersil-1073 is a durable concentrated economical hydrophilic silicone softener designed to exhibit luxuriously soft & flexible hand feels to all types of cellulosic, regenerated cellulosic & cellulosic blends of fabrics irrespective of composition & structure	<ol style="list-style-type: none"> <li>Imparts excellent softening without hampering the hydrophilicity of the fabric.</li> <li>Imparts durable, wash resistant softness to fabrics.</li> <li>Non-yellowing &amp; shear stable.</li> <li>Low viscosity &amp; pumpable.</li> <li>Suitable for auto-dispensing systems</li> </ol>	Emulsion of modified amino siloxane	Weakly cationic / non-ionic
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.	<ol style="list-style-type: none"> <li>Dermasil-SIG improves the moist, tacky handle that sometimes results from using very soft binders.</li> <li>It also acts as a softener and has a positive effect on the brilliance and fastness of the prints, especially the dry rub fastness</li> </ol>	Polydimethyl siloxane	Non-ionic
SYLAST-CEG	Sylast-CEG is a very high molecular weight polydimethyl siloxane in emulsion form. 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	<ol style="list-style-type: none"> <li>Its wetting and spreading properties are excellent. Thus, also in case of using low ready to use concentrations there will be an even and smooth film.</li> <li>General-purpose release agent for rubber vulcanization.</li> <li>Ironing aid in aerosol formulations of starch.</li> <li>Additive for fabric softener formulations.</li> <li>Release agent for foundries</li> </ol>	Dimethyl poly siloxane emulsion	Anionic

SYLAST-REG	<p>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.</p> <ul style="list-style-type: none"> <li>- Sylast-REG is also suitable as a shining agent for tire, rubber, and plastic industries.</li> <li>- In the plywood manufacturing industry, it prevents buildup of glue and promotes easy removal of excess glue on platens and other parts of the presses used. In lamination and wood industry it is used as anti-tack material to the platens.</li> <li>- It is used in glass industry for conveying equipment, treating moulds, moulded glass articles.</li> <li>- It is also used in High-speed offset printing process</li> </ul>	<ol style="list-style-type: none"> <li>1.Exhibits no creaming or oiling.</li> <li>2.Good dilution stability.</li> <li>3.Gives better finish to the mould.</li> <li>4. Can be applied by brushing, spraying, or dipping, even for complex moulds.</li> <li>5. Has Low surface tension and therefore spreads easily.</li> <li>6. Highly economical - Small quantity used per release.</li> <li>7. The film formed is durable and heat stable.</li> <li>8. Imparts excellent shine, gloss and finish to the finished product.</li> <li>9. Chemically inert - does not attack metal or any other mould.</li> <li>10. Exhibits Low volatility- No fuming, No smoking problems.</li> <li>11. EVA Release.</li> </ol>	Dimethyl poly siloxane emulsion	Non-ionic
AQUAREPEL-HC-303	<p>Aquarepel-HC-303 is a modified siloxane Nano-dispersion. It is free from fluorocarbons &amp; flammable liquids. It is used for imparting a wash durable water, soil &amp; stain repellent properties on natural, synthetic fibers and blends. Aquarepel-HC-303 is suitable for hydrophobizing treatment of porous or non-porous, absorbent or non-absorbent substrates.</p>	<ol style="list-style-type: none"> <li>1. Particularly preferred for water repellent treatment and impregnation of any fibers, especially natural (cotton, rayon, wool, silk, acetate), synthetic (polyester, nylon, acrylic) textiles, their blends and other functional materials.</li> <li>2. It improves soil, stain and water repellency on cotton, wool, synthetic fibers and blends.</li> <li>3. It imparts a distinct gloss &amp; luster on all porous and non-porous substrates.</li> <li>4. Provides extraordinary soft hand feel on natural, synthetic fibers &amp; their blends, unlike conventional fluorine-free water repellents.</li> <li>5. Combines a good spray rating with minimal pick-up of water.</li> <li>6. Excellent durability to multiple home laundering &amp; dry-cleaning cycles.</li> <li>7.Aquarepel-HC-303, in combination with other additives can achieve other effects such as resistance to environmental influences (such as heat, sunlight, particularly UV radiation, oxidizing agents, acidic environments), and particularly finishing effects in textiles such as color protection, fiber resistance, crease-free, soil repellence, shrink protection, flame retardance, moth protection, anti-felt finish or antimicrobial finish.</li> </ol>	Modified siloxane Nano-dispersion	Nonionic
DERMASIL-180	<p>DermaSil-180 is an eco-friendly, concentrated silicone softener, composed of diamino functional polysiloxane as its principal active compound. It imparts excellent softness and smoothness. It increases tensile resilience, gives springy 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.</p>	<ol style="list-style-type: none"> <li>1. It imparts a unique hand coupled with durable wrinkle recovery.</li> <li>2. It gives excellent and durable softness, crease resistance, flexibility especially on cotton, nylon, polyester, acrylics and their blended knit.</li> <li>3. It is very economical in usage and easy to handle.</li> <li>4. Gives very good surface smoothness</li> </ol>	Emulsion of modified amino siloxane	Non-ionic
DERMASIL-4770	<p>DermaSil-4770 is a silicone softener composed of amino modified polysiloxane as its principal active compound. It imparts excellent lubrication and smoothness. It increases tensile resilience, gives springy 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</p>	<ol style="list-style-type: none"> <li>1. It imparts a unique hand coupled with durable wrinkle recovery.</li> <li>2. It gives excellent and durable softness, crease resistance, flexibility and lubricants especially on cotton, nylon, polyester, acrylics and their blended knit.</li> <li>3. It is very economical in usage and easy to handle.</li> </ol>	Modified polysiloxane & specialty surfactants (APEO Free)	Nonionic
DERMASIL-6844	<p>DermaSil-6844 is a silicone softener composed of amino modified polysiloxane as its principal active compound. It imparts excellent lubrication and smoothness. It increases tensile resilience, gives springy 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</p>	<ol style="list-style-type: none"> <li>1. It imparts a unique hand coupled with durable wrinkle recovery.</li> <li>2. It gives excellent and durable softness, crease resistance, flexibility especially on cotton, nylon, polyester, acrylics and their blended knit.</li> <li>3. It is very economical in usage and easy to handle.</li> <li>4. Gives very good surface smoothness</li> </ol>	Emulsion of modified amino siloxane	Nonionic

DERMASIL-CT	Dermasil-CT is developed as a non-ionic macro emulsion of a reactive, amino functional silicone fluid. It is particularly suitable as softener for the impregnation of fibers and textiles. It imparts very soft, drapable, and elastic touch to woven and knitted fabrics	<ol style="list-style-type: none"> <li>1. It is considered to be the best softening agent for PES/cotton &amp; PES/Wool fabrics.</li> <li>2. 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.</li> <li>3. It has very little effect on the degree of whiteness when usual application conditions are adhered to generally, no adverse effect on the shade or color fastness properties of colored goods is observed.</li> <li>4. As part of formulations used as fill fiber finish, it imparts excellent slickness and resilience</li> </ol>	Amino functional silicone fluid emulsion	Non-ionic
DERMASIL-INS	Dermasil-INS is a silicone softener composed of amino modified polysiloxane as its principal active compound. It imparts excellent lubrication and smoothness. It increases tensile resilience, gives springy 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	<ol style="list-style-type: none"> <li>1. It imparts a unique hand coupled with durable wrinkle recovery.</li> <li>2. It gives excellent and durable softness crease resistance, flexibility and lubricants especially on cotton, nylon, polyester, acrylics and their blended knit.</li> <li>3. It is very economical in usage and easy to handle.</li> </ol>	Modified polysiloxane & specialty surfactants (APEO Free)	Nonionic
DERMASIL-IS	Dermasil-IS is a newly developed softener composed of amino modified polysiloxane as its principal active compound	<ol style="list-style-type: none"> <li>1. It has a strong affinity for all fibers since it has a reactive amino functional group in its structure.</li> <li>2. Treated fabric imparts very soft, lively smooth handle.</li> <li>3. Treated fabric gives excellent inner softness especially on polyester &amp; P/V fabric</li> </ol>	Emulsion of modified amino siloxane	Nonionic
MAXSOFT	MAXSOFT not only can help provide in-depth softness and slickness, but also 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.	<ol style="list-style-type: none"> <li>1. Provides a high level of softness (inner softness for all types of synthetic fabric especially polyester &amp; their blends.</li> <li>2. Does not cause fabric yellowing.</li> <li>3. 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.</li> <li>4. Suitable for all normal application methods, such as pad bath, exhaustion and spray.</li> <li>5. Dilutions are extremely shear stable. Easily diluted with water.</li> <li>6. Water dilutions have excellent compatibility with finishing baths.</li> <li>7. Can be co-applied with fluorocarbon soil release agents.</li> <li>8. Works at very low dosage.</li> <li>9. May be used with most types of typical equipment's for textile finishing</li> </ol>	Polydimethylsiloxane with functional groups (emulsion in water).	Non-ionic
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.	<ol style="list-style-type: none"> <li>1.Excellent elastic resilience.</li> <li>2.Improved wash &amp; wear effects.</li> <li>3.Imparts smooth, soft handle.</li> <li>4.Improved elastic recovery of knitted goods.</li> <li>5.Prevents loop damage during high-speed industrial sewing.</li> <li>6.Improves the wet rub fastness of dyed fabrics.</li> <li>7.Improves dimensional stability of knit goods.</li> <li>8.Excellent hydrophilic and antistatic properties</li> </ol>	Organo functional silicone	Cationic
MICRODERM-DPR	Microderm-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.	<ol style="list-style-type: none"> <li>1. Excellent elastic resilience.</li> <li>2. Improved wash &amp; wear effects.</li> <li>3. Imparts smooth, soft handle.</li> <li>4. Improved elastic recovery of knitted goods.</li> <li>5. Prevents loop damage during high-speed industrial sewing.</li> <li>6. Improves the wet rub fastness of dyed fabrics.</li> <li>7. Improves dimensional stability of knit goods.</li> </ol>	Amino modified silicone	Weakly cationic / Non-ionic

POWERSIL-171	Powersil-171 is weakly cationic micro emulsion of an organo modified poly siloxane. It imparts extremely soft, silky, smooth handle on all types of fabric. Particle size of Powersil-171 is particularly designed to the degree of fabric softness. It penetrates deep into the fiber 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 sewability. 4. Improved crease recovery angle & resilience. 5. Improved tear strength & 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 & silky luxuries handle on woven & knitted fabrics.	Emulsion of modified amino siloxane	Weakly cationic
POWERSIL-2244	Powersil-2244 is a non-ionic concentrated micro emulsion of an organo modified poly siloxane. It imparts extremely soft, silky, smooth handle on all types of fabric. Particle size of Powersil-2244 is particularly designed to the degree of fabric softness. Powersil-2244 penetrates deep into the fiber bundle giving a luxurious 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 sewability. 4. Improved crease recovery angle & resilience. 5. Improved tear strength & 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. Its high concentration makes is extremely economical in usage & easy to handle. 8. Further provided flexibility by allowing appropriate dilution based on following parameters. a) Fabric to liquor ratio (b) Desired finishes i.e. softness etc. (c) Cost of finish. 9. Premium softness & silky luxuries handle on woven & knitted fabrics. 10. Improvement in strength & recovery in knitted fabrics (elastomeric property).	Modified polysiloxane & specialty surfactants	Non-ionic
POWERSIL-2271	Powersil 2271 is a silicone softener composed of amino modified polysiloxane as its principal active compound. It imparts excellent lubrication and smoothness. It increases tensile resilience, gives springy 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	1. It imparts a unique hand coupled with durable wrinkle 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	Nonionic
POWERSIL-3472	Powersil-3472 is a non-ionic concentrated micro emulsion of an organo modified poly siloxane. It imparts extremely soft, silky, smooth handle on all types of fabric. Particle size of Powersil-2244 is particularly designed to the degree of fabric softness. Powersil-2244 penetrates deep into the fiber bundle giving a luxurious 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 sewability. 4. Improved crease recovery angle & resilience. 5. Improved tear strength & 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. Its high concentration makes is extremely economical in usage & easy to handle.	Modified polysiloxane & specialty surfactants	Non-ionic
POWERSIL-360	Powersil-360 is a power packed softener & hand modifier based on proprietary engineered hybrid polysiloxane & 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 slickness & smooth hand, improved definition of colors, enhanced fabric physical properties, reduced bending rigidity & optimized drape. The effects are durable to multiple cycles of home washing & dry cleaning	1. Suitable for all kinds of fabric especially cotton woven & denim garments & fabric. It gives excellent surface smoothness on Polyester wool & woolen fabrics 2. It imparts a typically 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

POWERSIL-3660	Powersil-3660 is highly effective high performance semi-micro emulsion of reactive organo modified polysiloxane, for permanent finish on all types of fabric substrates. Powersil-3660-25 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 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.	Emulsion of modified amino siloxane	Non-ionic
POWERSIL-3825	Powersil-3825 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 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
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 fabric. Particle size of it is particularly designed to the degree of fabric softness. Powersil-ESQ penetrates deep into the fiber bundle giving a luxurious soft handle.	1. Gives excellent soft, smooth & elastic handle on all types of woven & knit fabrics. 2. Improved crease recovery angle & resilience. 3. Improved tear strength & abrasion resistance. 4. Its fine particles 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
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.	1. It 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
POWERSIL-MCA	Powersil-MCA is a non-ionic concentrated micro emulsion of an organo modified poly siloxane. It imparts extremely soft, silky, 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 crease recovery angle & resilience. 5. Improved tear strength & 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. Its high concentration makes is extremely economical in usage & easy to handle.	Modified polysiloxane & specialty surfactants	Non-ionic
POWERSIL-NT-PES	Powersil-NT-PES is an innovative special silicone emulsion which in contrast to classic formulations does not enhance the thermo-migration of dispersed dyes on polyester fabric.	1. Wash fastness 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 fastness properties are improved & the colour depth is enhanced. 3. Suitable for Poly/Viscose, Poly/Wool & polyester fabrics. 4. Excellent elastic resilience, soft and smooth handle. 5. It is exhaustible silicone with cationic character	Silicone Urethane co-polymer	Non-ionic
POWERSIL-Q4	Powersil-Q4 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	1. Gives excellent soft, smooth & elastic handle on all types of woven & knit fabrics. 2. Improved sewability, crease recovery angle & resilience. 3. Improved tear strength & abrasion resistance. 4. Its fine particles size ensures faster & uniform penetration into the fabric, making it less a surface treatment & 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 is an eco-friendly, highly concentrated silicone softener, composed of diamino functional polysiloxane as its principal active compound. It imparts excellent softness and smoothness. It increases tensile resilience, gives springy 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 wrinkle 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	Non-ionic
PRODUCT-503	Product-503 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 springy 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 wrinkle 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	Non-ionic
PRODUCT-504	Product-504 is a non-ionic emulsion of a reactive, amino functional silicone fluid. It is particularly suitable as softener for the impregnation of fibers and textiles. It imparts a very soft, drapeable, and elastic touch to woven and knitted fabrics. Treated fabrics gives neutral color depth	1. It is 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, sewability and tear strength and reduces abrasion loss. The effects are fast to washing and dry cleaning. 3. As part of formulations used as fill fiber finish it imparts excellent slickness and resilience to the fiber. 4. Brighter look & color depth in dark fabric.	Semi-micro emulsion of modified poly siloxane	Non-ionic
SOFTSIL-CSK	Softsil-CSK is a micro emulsion concentrate of specially engineered amino modified silicone. It imparts an exceptionally soft full hand & luxurious handle along with improved resilience & fabric physicals	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. Further provided flexibility by allowing appropriate dilution based on following parameters. a) Fabric to liquor ratio, b) Desired finishes i.e. softness etc. and c) Cost of finish. 3. Premium softness & silky luxuries handle on woven & knitted fabrics. 4. Improvement in fabric physicals, tears strength, abrasion resistance, cut and sews performance, bending rigidity and co-efficiency of friction. 5. Improvement in wrinkle recovery & durable press appearance ratings of woven fabrics. 6. Improvement in strength & recovery in knitted fabrics (elastomeric property). 7. Durable finish stable over several home washing & laundering cycles	Functional polysiloxane	Cationic / Non-ionic
SOFTSIL-MI	Softsil-MI is a economical micro emulsion concentrate of specially engineered amino modified silicone. It imparts an exceptionally soft full hand & luxurious handle along with improved resilience & fabric physicals	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. Further provided flexibility by allowing appropriate dilution based on following parameters. a) Fabric to liquor ratio, b) Desired finishes i.e. softness etc. and c) Cost of finish. 3. Easy to dilute	Functional polysiloxane	Cationic / Non-ionic

SUPERSIL-2004	Supersil-2004 is a micro emulsion concentrate of specially engineered amino modified silicone. It is an excellent pigment print softener which imparts soft smooth handle. It imparts an exceptionally soft full & luxurious handle along with improved resilience & fabric physicals	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. Further provided flexibility by allowing appropriate dilution based on following parameters. a) Fabric to liquor ratio, b) Desired finishes i.e. softness etc. and c) Cost of finish. 3. The running properties of the print pastes are improved. 4. Premium softness & silky luxuries handle on woven & knitted fabrics. 5. Improvement in fabric physicals, tears strength, abrasion resistance, cut and sews performance, bending rigidity and co-efficiency of friction. 6. Excellent softness on pigment printed fabric & improves rub fastness properties of prints.	Functional polysiloxane	Cationic / non-ionic
SUPERSIL-SOFT-PG	Supersil-Soft-PG 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	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. 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. 5. Excellent softness on pigment printed fabric & improves rub fastness properties of prints. 6. Premium smoothness & non-tacky handle on printed fabrics. 7. Improvement in fabric physicals, tear strength, abrasion resistance, cut and sew performance, bending rigidity and co-efficiency of friction.	Functional polysiloxane	Weakly cationic / non-ionic
SYLAST-BOU	Sylast-BOU is a concentrated specialty polysiloxane macro emulsion designed for application on synthetics, cotton and cotton blends for a bouncy finish	1. High molecular weight polysiloxane with organo modified. 2. High cross-linking tendency and forms a 3 dimensional poly network on substrate after curing 3. High substrate coverage. 4. Organo modification designed to provide high anchoring on centers. 5. Simultaneous organo-modification to provide lubricity and Suitable for heavy weight and light weight fabrics. 6. It imparts a bulky i.e. "fuller handle". 7. It improves the bounce of the fabric.	Organo modified polysiloxane	Non-ionic
SYLAST-FG-080	Sylast-FG-080 is a new generation engineered modified polysiloxane liquid concentrate micro emulsion for a smooth lustrous handle on all types of substrates.	1. Liquid Super concentrate. 2. Excellent consistent handle on all types of substrates. 3. Mercerized fabric finishing	Amino modified polysiloxane	Weakly Cationic
SYLAST-FG-196	Sylast-FG-196 is a non-ionic concentrated micro emulsion of an organo modified poly siloxane. It imparts extremely soft, silky, smooth handle on all types of fabric. Particle size of Sylast-FG-196 is particularly designed to the degree of fabric softness. It penetrates deep into the fiber bundle giving a luxurious 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 sewability. 4. Improved crease recovery angle & resilience. 5. Improved tear strength & 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. Its high concentration makes it extremely economical in usage & easy to handle. 8. Further provided flexibility by allowing appropriate dilution based on following parameters. a) Fabric to liquor ratio (b) Desired finishes i.e. softness etc. (c) Cost of finish. 9. Premium softness & silky luxuries handle on woven & knitted fabrics. 10. Improvement in strength & recovery in knitted fabrics (elastomeric property).	Modified polysiloxane & specialty surfactants	Non-ionic

SYLAST-HC	Sylast-HC 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 porous or non-porous, absorbent or non-absorbent substrates.	<ol style="list-style-type: none"> <li>1. It can be used for hydrophobizing treatment of natural stone, marble, granite, tiles, ceramics, glass, cement surfaces, mineral building materials i.e. plastics, coated plastics, wood, laminate, cork, rubber, imitation leather, leather.</li> <li>2. It can be used for hydrophobizing treatment of natural stone, marble, granite, tiles, ceramics, glass, cement surfaces, mineral building materials.</li> </ol>	Modified siloxane Nano-dispersion	Non ionic
Sylast HC-New	Sylast-HC New 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 porous or non-porous, absorbent or non-absorbent substrates.	<ol style="list-style-type: none"> <li>1. It can be used for hydrophobizing treatment of natural stone, marble, granite, tiles, ceramics, glass, cement surfaces, mineral building materials i.e. plastics, coated plastics, wood, laminate, cork, rubber, imitation leather, leather.</li> <li>2. It can be used for hydrophobizing treatment of natural stone, marble, granite, tiles, ceramics, glass, cement surfaces, mineral building materials.</li> </ol>	Modified siloxane Nano-dispersion	Non ionic
SYLAST-RU	Sylast-RU is non-ionic concentrated micro emulsion of an organo modified poly siloxane. Suitable for garment & fabric stage application	<ol style="list-style-type: none"> <li>1. Gives excellent soft, smooth &amp; elastic handle on all types of woven &amp; knit fabrics.</li> <li>2. Can be applied by pad and exhaust.</li> <li>3. Its fine particles size ensures faster &amp; uniform penetration into the fabric, making it less a surface treatment &amp; more an internal softener.</li> <li>4. Premium softness &amp; silky luxuries handle on woven &amp; knitted fabrics.</li> </ol>	Modified polysiloxane & specialty surfactants.	Non-ionic
SYLAST-SS	Sylast-SS is micro emulsion concentrate of specially engineered organo functional polysiloxane.	<ol style="list-style-type: none"> <li>1. It is a premium pigment print softener which imparts soft smooth &amp; non tacky handle. It imparts an exceptionally soft full &amp; luxurious handle along with improved resilience &amp; fabric physicals.</li> <li>2. Its high concentration makes it extremely economical in usage &amp; easy to handle.</li> <li>3. Provides flexibility by allowing appropriate dilution based on following parameters. a) Fabric to liquor ratio, b) Desired finish and c) Cost.</li> <li>4. The running properties of the print pastes are improved.</li> <li>5. Excellent softness on pigment printed fabric &amp; improves rub fastness properties of prints.</li> <li>6. Premium smoothness &amp; non-tacky handle on printed fabrics.</li> <li>7. Improvement in fabric physicals, tears strength, abrasion resistance, cut and sews performance, bending rigidity and co-efficiency of friction.</li> </ol>	Functional polysiloxane	Cationic / Non-ionic
SYLAST-SS-75	Sylast-SS-75 is micro emulsion concentrate of specially engineered organo functional polysiloxane.	<ol style="list-style-type: none"> <li>1. It is a premium pigment print softener which imparts soft smooth &amp; non tacky handle. It imparts an exceptionally soft full &amp; luxurious handle along with improved resilience &amp; fabric physicals.</li> <li>2. Its high concentration makes it extremely economical in usage &amp; easy to handle.</li> <li>3. Provides flexibility by allowing appropriate dilution based on following parameters. a) Fabric to liquor ratio, b) Desired finish and c) Cost.</li> <li>4. The running properties of the print pastes are improved.</li> <li>5. Excellent softness on pigment printed fabric &amp; improves rub fastness properties of prints.</li> <li>6. Premium smoothness &amp; non-tacky handle on printed fabrics.</li> <li>7. Improvement in fabric physicals, tears strength, abrasion resistance, cut and sews performance, bending rigidity and co-efficiency of friction.</li> </ol>	Functional polysiloxane	Cationic / Non-ionic

TEXTILE SURFACE FINISH-ZX	Textile Surface Finish-ZX is a cationic emulsion polymer of a proprietary re-equilibrated organo functional polysiloxane and biodegradable surfactants.	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 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
TEXTILE FINISHER-EXL	Textile Finisher-EXL is a cationic reactive high molecular elastomer developed for application on dyed & printed knit & woven blended fabrics. Enhanced organic or it is premium catasilicone	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
TOPSOFT-PR	Topsoft-PR is a cationic emulsion polymer of a proprietary re-equilibrated 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 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 fabric crease resistance and D.P. appearance ratings. 4. It improves tear and tensile strengths, abrasion resistance & cut & sew performance. 5. On knits 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
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 slick silky handle. 2. Excellent surface smoothness with improved fabric drape & fall & enhanced wrinkle recovery. 3. Enhanced fabric physicals i.e. tear strength, flex abrasion resistance, cut & sew performance.	Emulsion of modified amino siloxane.	Non-ionic
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 finish characterized by excellent softness & slick surface smoothness.	1. Excellent softness with a slick silky handle. 2. Ultra-low yellowing of practically non-yellowing softener. 3. Excellent surface smoothness with improved fabric drape, fall & enhanced wrinkle recovery. 4. Enhanced fabric physicals i.e. tear strength, flex abrasion resistance, cut & sew performance. 5. 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

CELEXTRA	CELEXTRA is shear stable non-ionic oil in water micro emulsion of an organo functional polysiloxane 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	<ol style="list-style-type: none"> <li>1. Imparts a very soft &amp; silky handle with excellent surface smoothness.</li> <li>2. Non-yellowing finish even at high temperatures making it suitable for white fabrics &amp; dyed fabrics with large white grounds.</li> <li>3. Enhanced wrinkle resistance &amp; wash and wear ratings.</li> <li>4. Its fine particle size ensures easier &amp; uniform penetration into the fibre making it an excellent internal softener.</li> <li>5. Good inter fiber lubricity with reduced blending rigidity resulting in improved drape &amp; full of fabric. No effect in dyed shades.</li> <li>6. Improved tear strength, tensile resilience abrasion resistance, sewability &amp; cut &amp; sew performance.</li> <li>7. Shear stable.</li> </ol>	Functional Polysiloxane	Cationic / Non-ionic
DERMASIL-AH	Dermasil-AH is non-ionic oil in water micro emulsion of an organo functional polysiloxane 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	<ol style="list-style-type: none"> <li>1. Imparts a very soft &amp; silky handle with excellent surface smoothness.</li> <li>2. Completely Non-yellowing finish even at high temperatures making it suitable for white fabrics &amp; dyed fabrics with large white grounds.</li> <li>3. Enhanced wrinkle resistance &amp; wash and wear ratings.</li> <li>4. Good inter fiber lubricity with reduced blending rigidity resulting in improved drape &amp; full of fabric.</li> <li>5. No effect in dyed shades. Improved tear strength, tensile resilience abrasion resistance, sewability &amp; cut and sew performance. Shear stable</li> </ol>	Functional polysiloxane	Weakly cationic / Non-ionic
POWERSIL-3734	Powersil-3734 is weakly cationic micro emulsion of an organo modified poly siloxane. It imparts extremely soft, silky, smooth handle on all types of fabric.	<ol style="list-style-type: none"> <li>1. Gives excellent soft, smooth &amp; elastic handle on all types of woven &amp; knit fabrics. Economical softener for garments</li> <li>2. Can be applied by pad and exhaust.</li> <li>3. Improved sewability.</li> <li>4. Improved crease recovery angle &amp; resilience.</li> <li>5. Improved tear strength &amp; abrasion resistance.</li> </ol>	Emulsion of modified amino siloxane	Weakly cationic
POWERSIL-3735	Powersil-3735 is weakly cationic micro emulsion of an organo modified poly siloxane. It imparts extremely soft, silky, smooth handle on all types of fabric.	<ol style="list-style-type: none"> <li>1. Gives excellent soft, smooth &amp; elastic handle on all types of woven &amp; knit fabrics. Economical softener for garments</li> <li>2. Can be applied by pad and exhaust.</li> <li>3. Improved sewability.</li> <li>4. Improved crease recovery angle &amp; resilience.</li> <li>5. Improved tear strength &amp; abrasion resistance.</li> </ol>	Emulsion of modified amino siloxane	Weakly cationic
TOPSOFT-25-SS	Topsoft-25-SS is macro elastomer emulsion. It imparts a pure unhindered finish characterized by excellent softness & slick surface smoothness. Improved tear & tensile strength, enhanced wrinkle resistance & excellent drape/fall even on difficult to soften fabrics are other realized properties. It is stable under acidic & mild alkaline conditions.	<ol style="list-style-type: none"> <li>1. Excellent softness with a slick silky handle.</li> <li>2. Excellent surface smoothness with improved fabric drape &amp; fall &amp; enhanced wrinkle recovery.</li> <li>3. Reduced bending rigidity &amp; coefficient of friction.</li> <li>4. Enhanced fabric physicals i.e. tear strength, flex abrasion resistance, cut &amp; sew performance.</li> <li>5. Improved D.P. rating, spot &amp; stain resistance &amp; a lively vibrant &amp; full hand.</li> <li>6. Negligible effect on dye shades &amp; fabrics whiteness.</li> <li>7. Permanent finish durable to multiple cycles of home washing &amp; dry cleaning.</li> </ol>	Modified polysiloxane & specialty surfactants	Non-ionic / cationic
TOPSOFT-DR	Topsoft-DR is a semi-micro emulsion of modified polysiloxane. It imparts a pure unhindered finish characterized by excellent softness & slick surface smoothness. Freeze thaw stable	<ol style="list-style-type: none"> <li>1. Excellent softness with a slick silky handle.</li> <li>2. Excellent surface smoothness with improved fabric drape &amp; fall &amp; enhanced wrinkle recovery.</li> <li>3. Reduced bending rigidity &amp; coefficient of friction.</li> <li>4. Enhanced fabric physicals i.e. tear strength, flex abrasion resistance, cut &amp; sew performance.</li> <li>5. Freeze thaw stable</li> </ol>	Modified polysiloxane	Non-ionic

TOPSOFT-LOC	Topsoft-LOC is a semi-micro emulsion of modified polysiloxane. It imparts a pure unhindered finish characterized by excellent softness & slick surface smoothness. Freeze thaw stable	1. Excellent softness with a slick silky handle. 2. Excellent surface smoothness with improved fabric drape & fall & enhanced wrinkle recovery. 3. Reduced bending rigidity & coefficient of friction. 4. Enhanced fabric physicals i.e. tear strength, flex abrasion resistance, cut & sew performance. 5. Freeze thaw stable	Modified polysiloxane	Non-ionic
TOPSOFT-SS	Topsoft-SS is a non-ionic macro emulsion of an organo modified poly siloxane containing ultra-low levels of surfactants. It imparts a pure unhindered finish characterized by excellent softness & slick surface smoothness.	1. Excellent softness with a slick silky handle. 2. Ultra-low yellowing of practically non-yellowing softener. 3. Excellent surface smoothness with improved fabric drape, fall & enhanced wrinkle recovery. 4. Enhanced fabric physicals i.e. tear strength, flex abrasion resistance, cut & sew performance. 5. 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
MICROTEK-FCS	Microtek-FCS is uniquely engineered polysiloxane which is compatible with fluorocarbon & soil release agents	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	Polysiloxane	Non-ionic
MICROTEK-SS	Microtek-SS is a novel textile designed to provide soft, silky, hand to fabrics. The softness provided by Microtek-SS is durable for numerous detergent washes.	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 spray. 4. Fabrics treated with Microtek-SS are not hydrophobic. 5. It imparts a slow wetting durable hydrophilic character to fabrics. 6. Dilutions are extremely shear stable. Easily diluted with water or alcohol.	Block silicone emulsion	Non-ionic
MICROTEK-SSR	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, over dye ability and moderate shear stability at a typical bath condition for textile finishing.	1. The new modified group endows the fabric with excellent soft, smooth, silky handle. 2. Effectively solved the problem of demulsification and sticking to the roller. 3. Outstanding compatible performance. 4. If complexed with the amino silicone oil, it will improve the application performance.	Polysiloxanes, Polyether	Weakly cationic / Non-ionic
MICROTEK-SS-U	Microtek-SS U is a novel textile designed to provide soft, silky, hand to fabrics. The softness provided by Microtek-SS is durable for numerous detergent washes.	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 spray. 4. Fabrics treated with Microtek-SS are not hydrophobic. 5. It imparts a slow wetting durable hydrophilic character to fabrics. 6. Dilutions are extremely shear stable. Easily diluted with water or alcohol.	Block silicone emulsion	Non-ionic

PDF-60	PDF-60 Emulsion is a 60% actives non-ionic emulsion formulated with a polydimethylsiloxane. It is an extremely stable, water-thinned emulsion commonly used as a release agent for rubber and plastic products. Its application on rubber surface gives gloss or shine to car tyres so can be used in tyre dressing for car valeting. Good lubricity, easy release, high-temperature stability of silicone fluid, low volatility of silicone fluid, chemical inert and water dispersible	1. Good compatibility with other finishing ingredients. 2. May improve gloss and brightness. 3. Resistance to scorching, yellowing, water spotting and chlorine damage. 4. Minimal swelling on fiber and rubber & reduce tackiness. 5. Acts as lubricant or mold release agent for easy stripping. 6. Release agent for manufacturing rubberized belts & in printing industry. Lubricant to prevent wear & increase abrasion resistance to latex rubber. 7. Gives excellent dry soft handle to the synthetic fabric. Treated synthetic fabric have crispy handle.	Functional polysiloxane	Non-ionic
POLYDERM-HI-2000	Polyderm-HI-2000 is a cationic emulsion polymer of a proprietary re-equilibrated organo functional polysiloxane and biodegradable surfactants	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. On knits 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
AQUASIL-4081	Aquasil-4081 is a durable concentrated hydrophilic silicone softener designed to exhibit natural soft & flexible hand feel to all types of cellulosic, regenerated cellulosic & cellulosic blends of fabrics irrespective of composition & structure.  Treated fabrics exhibits excellent water retention properties. Excellent maintenance of the absorptive properties of hydrophilic textiles.	1. Imparts natural softening without hampering the hydrophilicity of the fabric. Softener to be used along with moisture management system. 2. Imparts durable, wash resistant softness to fabrics. 3. Non-yellowing & shear stable. 4. Towels appear bulked. 5. Stable over wider range of temperature. Improved soft, smooth hand and soil release properties. 6. Low viscosity & pumpable. 7. Suitable for auto-dispensing systems. 8. Excellent hydrophilic character & can be used along with moisture management product.	Modified amino siloxane	Weakly cationic / non-ionic
DERMASIL-SFC	Dermasil-SFC is fluoro carbon compatible silicone.	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.	Modified polysiloxane & specialty surfactants	Non-ionic
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 fabrics. The softness provided by Dermasil-SRS-New is durable for numerous detergent washes.	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 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 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 Dermasil-SRS-New are not hydrophobic. It imparts a slow wetting durable hydrophilic character to fabrics.	Amino polyalkyleneoxide copolymer	Non-ionic

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 fabrics.	<ol style="list-style-type: none"> <li>Provides a high level of softness &amp; surface smoothness for all types of synthetic fabric especially polyester &amp; their blends like PV &amp; PC.</li> <li>Does not cause fabric yellowing.</li> <li>Suitable for all normal application methods, such as pad bath, exhaustion and spray.</li> <li>Dilutions are extremely shear stable. Easily diluted with water or alcohol.</li> <li>Water dilutions have excellent compatibility with finishing baths</li> </ol>	Block silicone	Non-ionic
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 industries and especially for the heat-set rotation presses in the printing industry.	<ol style="list-style-type: none"> <li>It has Good water-repellent properties and good lubricating power.</li> <li>It creates a thin, shiny film which brightens the colors.</li> <li>Perfect resistance against heat: no thermal degradation leaving carbonaceous residues.</li> </ol>	Functional polysiloxane	Non-ionic
QUEST-3P	Quest-3P is a highly efficient antistatic agent for universal application. It has a good stability to the usual concentrations of acids, alkalis and salts. It can be combined with anionic and non-ionic products. Its compatibility with cationic products has to be checked in preliminary trials.	<p>Excellent antistatic effect.</p> <ol style="list-style-type: none"> <li>Suitable for all fiber sorts; preferred application on synthetic fibers and their blends.</li> <li>No influence on handle.</li> <li>No yellowing, even at higher drying and fixing temperatures.</li> <li>The color shade and the fastness level of the dyeing's not influenced.</li> <li>Can be well combined with softeners and other finishes; in combination with cationic products we recommend carrying out preliminary tests to verify the compatibility.</li> </ol>	Phosphoric acid ester	Anionic
QUEST-ICA	Quest-ICA 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. 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 treated with Quest-ICA.	<ol style="list-style-type: none"> <li>Increased wearer comfort: By creating a special hydrophilic surface on the polyester fabric, Quest-ICA enables to garment to absorb moisture from the body and allow it to evaporate. In other words Quest-ICA gives polyester the ability to "breathe" and impart a cool, absorbent feeling.</li> <li>Antistatic effect: It minimizes the build-up of irritating static charges in the fabric and therefore eliminates the undesirable "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.</li> <li>Lower soil re-deposition: The special soil release action of Quest-ICA 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.</li> </ol>	Polyester resin	Non-ionic
QUEST-AQ	Quest-AQ 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.	<ol style="list-style-type: none"> <li>Increased wearer comfort: By creating a special hydrophilic surface on the polyester fabric, Quest-AQ enables to garment to absorb moisture from the body and allow it to evaporate. In other words Quest-AQ gives polyester the ability to "breathe" and impart a cool, absorbent feeling.</li> <li>Antistatic effect: It minimizes the build-up of irritating static charges in the fabric and therefore eliminates the undesirable "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.</li> <li>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.</li> <li>Enhanced stain removal: It makes it easy to wash off oily or greasy stains and keeps the fabric fresh and clean.</li> </ol>	Polymeric Hydrophile	Non-ionic

QUEST-AQ/CONC	Quest-AQ-Conc 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.	<p>1. Increased wearer comfort: By creating a special hydrophilic surface on the 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 "breathe" and impart a cool, absorbent feeling.</p> <p>2. Antistatic effect: It minimizes the build-up of irritating static charges in the fabric and therefore eliminates the undesirable "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.</p> <p>3. Lower soil re-deposition: The special soil release action of Quest-AQ conc 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.</p> <p>4. Enhanced stain removal: It makes it easy to wash off oily or greasy stains and keeps the fabric fresh and clean.</p> <p>5. It may be applied before, during or after dyeing. It may be used with disperse &amp; cationic dyes or combination thereof. Remarkably improved moisture transport (water absorption &amp; wicking) is obtained with fabric treated with Quest-AQ-conc</p>	Polymeric Hydrophile	Non-ionic
QUEST-CSR	Quest-CSR produces durable hydrophilic soil release properties in naturally hydrophobic fiber such as polyester knits, weaves, yarns and nonwovens. Quest-CSR is suitable for use in sportswear and general garments requiring good perspiration absorbency, in easily-soiled work clothes and table cloths, flame-resistant curtains, and dish cloths and towels requiring water absorbency.	<p>1. It imparts wash-fast water/perspiration absorbency to normally hydrophobic polyester.</p> <p>2. It imparts durable SR properties (SRM and SRD) to polyester.</p> <p>3. Quest-CSR finishes polyester with a soft hand.</p> <p>4. It can be used simultaneously in the disperse dyeing of polyester.</p> <p>5. With Quest-CSR, causing hindrance to flame-resistant properties is unlikely</p>	Special polyester polymer resin	Anionic
QUEST-HT	Quest-HT is 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.	<p>1. Provides good softness with stretch back property.</p> <p>2. Can be used for exhaustion &amp; pad method.</p> <p>3. High consistency in performance even after 50 home launderings.</p> <p>4. Treated fabric gives dual effect of quick absorption &amp; drying for polyester &amp; polyester rich blends.</p> <p>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 &amp; evaporates as the moisture does not get trapped in the clothing. Treated fabric imparts total comfort – no matter what the conditions.</p> <p>6. Three dimensional warp wise, weft wise &amp; atmospheric transportation moisture designed for polyester &amp; polyester rich fabrics or garment.</p> <p>7. Ensures removal of moisture or sweat at much higher speed &amp; keep the body dry with no after sweat chill effect.</p> <p>8. Imparts non-cling performance to 100% polyester for better wearer comfort.</p> <p>9. Notable improvement in the electrical conductivity of polyester fibers.</p>	Polyester resin	Non-ionic

QUEST-MT/Conc	Quest-MT-Conc 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 laundries. 2. Treated fabric gives dual effect of quick absorption & drying for polyester & polyester rich blends. 3. 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 & evaporates as the moisture does not get trapped in the clothing. Treated fabric imparts total comfort – no matter what the conditions. 6. Three dimensional warp wise, weft wise & atmospheric transportation moisture designed for polyester & polyester rich fabrics or garment. 7. Ensures removal of moisture or sweat at much higher speed & keep the body dry with no after sweat chill effect.	Polymeric Hydrophilic Compound	Non-ionic
QUEST-NP	Quest-NP is non-ionic soil release polyester for household and industrial products. It improves the removal of oily or fatty stains from fabrics during subsequent washing. It prevents the soil from adhering to the fibers. It can be used in washing powders and liquid detergents 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. SR (soil-removal and soil re-deposition controller) properties against stains and dirt's. 4. Anti-static property. 5. Softening property.	Polyester polymer composite in dispersion	Non-ionic
QUEST-NY	Quest-NY is a surface active unique polyamide polymer in dispersion developed to modify the polyamide yarns and fabric surface 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 yarns and fabrics. 2. High speed water absorbency and quick drying-up. 3. SR (soil-removal and soil re-deposition controller) properties against stains and dirt's. 4. Anti-static property. 5. Softening property.	Polyamide polymer composite in dispersion	Non-ionic
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: It minimizes the build-up of irritating static charges in the fabric and therefore eliminates the undesirable "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	Polymeric Hydrophile	Non-ionic
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.	1. Sharp 3D effects, durable to washings. 2. Improves strength after resin process. 3. Improves rub fastness of indigo dyed & sulphur dyed denims	Vinyl derivative	Non-ionic
TRISTAR-F	Tristar-F is a non-formaldehyde based crosslinking agent. Gives excellent wrinkle resistance on cotton & its blends.	1. Gives excellent wrinkle recovery. 2. Formaldehyde free. 3. Applicable on cotton & its blend with synthetics. 4. No effect on tensile strength, tear strength, whiteness index.	Acrylic crosslinking agent	Cationic / Non-ionic
TRISTAR-L-112	Tristar-L-112 is a cross linker for the low formaldehyde easy care finishing of textile 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
TRISTAR-NF	Tristar-NF is a cross-linker for the formaldehyde-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. Good wash-and-wear effects. 5.4 Good wet & dry crease recovery angle. 5. Less loss of strength compared to resin containing formaldehyde. 6. Very good stability to chlorine in washing treatments.	Cyclic urea derivative in water	Nonionic to weakly cationic

ULTRA-CAS	Ultra-CAS is a cationic antipil & antislip agent produced by an in situ reaction which results in stable nano dispersions. It imparts excellent antislip, antipil and antisag characteristics to all fabric substrates i.e. synthetics, cellulosic's and their blends	1. Treated fabric imparts excellent antipil, antislip and antisag properties. 2. It has an excellent antistatic effect on polyester fabric. 3. 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
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.	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 & in garment machines with low turbulence	Emulsion of modified amino siloxane	Non-ionic
AMPLIFY-CHA	Amplify-CHA 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	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
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.	1. 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. 2. It maintains the brighter tone of the acrylic based blooming agent.	Emulsion of modified amino siloxane	Non-ionic
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.	1. 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. 2. It maintains the brighter tone of the acrylic based blooming agent.	Emulsion of modified amino siloxane	Non-ionic
AMPLIFY-JET-ECO	Amplify-JET-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.	1. It 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	Non-ionic
AMPLIFY-RPI	Amplify-RPI is a colour 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.	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. For exhaust only to use in garment machine like drum washer	Emulsion of modified amino siloxane	Non-ionic
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 / thermal stability. 5. No occurrence of chalk marks. No problems of ending and tailing	Special type hybrid acrylic resin	Weakly cationic
AMPLIFY-AQ	Amplify-AQ 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 & 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, spot 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

AMPLIFY-BE	Amplify-BE is a colour deepening agent designed to increase the depth of primarily polyester and their blended fabrics especially dyed in black & navy 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 astounding 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 fastness properties of dyeing. 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 cation
AMPLIFY-BL	Amplify-BL is a color deepening 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 & sulphur black. 2. Produces astounding 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 fastness properties of dyeing. 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 cation
AMPLIFY-BLACK	Amplify-BLACK is a color deepening agent designed to increase the depth of primarily polyester, cotton, wool and their blended fabrics, dyed in 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, acetate, acrylic, wool and their blends also.	1. It gives colour deepening in dark shades up to 25 - 30%. 2. Excellent elastic resilience & soft and smooth handle. 3. Applicable by pad & exhaust process. 4. Amplify Black treated fabric gives least amount of thermo migration in polyester fabrics. 5. Excellent colour deepening agent for denim & sulphur dyed garments	Modified amino siloxane	Non-ionic
AMPLIFY-CBRT	Amplify-CBRT 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 Tone effects is observed.	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 / 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
AMPLIFY-EBA	Amplify-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.	1. It gives color 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.	Based on silicone	Non-ionic

AMPLIFY-IND	<p>Amplify-IND is a fine dispersion of oligomeric resins. It is a first true jet stable color deepening agent matching deepening effects conventionally achieved by dry-on-wet finishing by padding method.</p> <p>It imparts a distinct improvement in shade depth coupled with a brighter and vibrant dye shade. It is shear &amp; temperature stable. It is recommended for polyester, cotton, polyamides, and their blends.</p>	<ol style="list-style-type: none"> <li>1. Amplify-IND is exhaust applicable in high turbulence HTHP machines i.e. soft-flow, Jets, yarn dyeing equipment &amp; other conventional equipment like winches, jiggers, drum washers etc.</li> <li>2. Conventional bathochromic i.e. color deepening agents are suitable only for dry-on-wet finish methods. Amplify-IND is readily applied by wet-on-wet finish methods eliminating the intermediate steps of fabric drying resulting in saving time and energy.</li> <li>3. Amplify-IND is suitable for color deepening benefits on dyed polyester dress materials, saree fabrics, Polyester-viscose &amp; Polyester-cotton blends.</li> <li>4. It is suitable for application on dyed cellulosic, natural polyamides, knitted &amp; woven fabrics and garments.</li> <li>5. Amplify-IND is suitable for color deepening effects on dyed yarns by package dyeing equipment.</li> <li>6. Amplify-IND imparts a 30 - 45% improvement in shade depth coupled with a brighter and vibrant dye shade.</li> </ol>	Oligomeric resin emulsion	Weakly cation
AMPLIFY-JWB	<p>Amplify-JWB 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.</p>	<ol style="list-style-type: none"> <li>1. Provides maximum color-depth of disperse black.</li> <li>2. Produces astounding JET black, in bluish shade.</li> <li>3. Excellent durability stable to multiple washing and dry-cleaning cycles.</li> <li>4. Free from slip trouble, hand marks, spot problem.</li> <li>5. Does not affect the fastness properties of dyeing.</li> <li>6. Very good mechanical / chemical / thermal stability.</li> <li>7. No occurrence of chalk marks.</li> <li>8. No problems of ending and tailing.</li> </ol>	Special type hybrid acrylic resin	Weakly cationic
AMPLIFY-JWR	<p>Amplify-JWR 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.</p> <p>Excellent color deepening with Redder Tone effects is observed.</p> <p>It is suitable on other fabric substrates i.e. cotton, viscose, acetate, acrylic, wool, polyamide and their blends.</p>	<ol style="list-style-type: none"> <li>1. Provides maximum color-depth of disperse black.</li> <li>2. Produces astounding JET black shade depth in redder tone.</li> <li>3. High durability to multiple cycles of washing and dry-cleaning.</li> <li>4. Free from slip trouble, nail Mark, hand marks, spot problem.</li> <li>5. Does not affect the fastness properties of dyeing.</li> <li>6. Very good mechanical / chemical / thermal stability.</li> <li>7. Handle: Neutral, somewhat bulky, non-slippery.</li> <li>8. No problems of ending and tailing.</li> <li>9. Redder tone.</li> </ol>	Special type hybrid acrylic resin	Weakly cation
AMPLIFY-KB	<p>Amplify-KB is a colour deepening 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.</p>	<ol style="list-style-type: none"> <li>1. Provides maximum color-depth of disperse black.</li> <li>2. Produces astounding JET black, in bluish shade.</li> <li>3. Excellent durability stable to multiple washing and dry-cleaning cycles.</li> <li>4. Free from slip trouble, hand marks, spot problem.</li> <li>5. Does not affect the fastness properties of dyeing.</li> <li>6. Very good mechanical / chemical / thermal stability.</li> <li>7. Handle: Neutral, somewhat bulky, non-slippery.</li> <li>8. No occurrence of chalk marks.</li> <li>9. No problems of ending and tailing</li> </ol>	Special type hybrid acrylic resin	Weakly cation

AMPLIFY-KR	Amplify-KR 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 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 / 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 cationic
AMPLIFY-ONE	Amplify-ONE is a color deepening 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 & sulphur black. 2. Produces astounding 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 fastness properties of dyeing. 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
ANTIPIL-219	Antipil-219 is a cationic antipil & antislip agent produced by an insitu reaction which results in stable nano dispersions. It imparts excellent antislip, antipil and antisnag characteristics to all fabric substrates i.e. synthetics, cellulosic's and their blends.	1. Treated fabric imparts excellent antipil, antislip and antisnag properties. 2. It has an excellent antistatic effect on polyester fabric. 3. 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
ANTIPIL-FW-NEW	Antipil-FW-NEW is an anti-slipping & anti-pilling finishing agent with soft handle for all fiber types	1. Improving seam resistance and resistance to thread slippage of all slippage-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.	Pyrogenic silica sol	Weakly Cationic
ANTISLIP-SP	Antislip-SP is an excellent antislip cum antipil agent. Applicable by exhaust & pad method.	1. Improving seam resistance and resistance to thread slippage of all slippage-prone fabrics, particularly suitable for apparel fabrics like blouses and shirts.	Pyrogenic silica sol	Weakly Cationic
AQUACOAT-1432	Aquacoat-1432 is a flexible, solvent free aliphatic polyurethane dispersion for use in various applications. It forms a tough and flexible film.	1. It is compatible with a wide range of acrylic emulsions and with alcohols, such as ethanol and isopropanol. 2. Small additions of cross-linkers will improve chemical resistance and mechanical properties.	Aliphatic polyurethane	Anionic
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.	1. Its film properties are high in clarity, are hard and flexible. 2. It is resistance to alcohol, water and alkali, abrasion, chemicals and impact. 3. Compatibility with many acrylic emulsions. 4. Good adhesion to many substrates. 5. Adhesion to many substrates.	Aliphatic polyurethane	Anionic
AQUAFLEX-SB	Aquaflex-SB is a binder and filler for fabrics, knitted goods, chemical bonding of fleeces & nonwovens, for technical textiles and coating.	1. Self-crosslinking binder and filler for all types of textiles fibers, recommended binder for the enhancement of the wash durability of Vector control agent 2. Relatively soft hand feel 3. Resistance to washing and dry cleaning 4. APEO free formulation with good water and solvent resistance.	Acrylic ester copolymer	Anionic

AQUASORB-AO-PDR	Aquasorb-AO-PDR helps protect indigo dyestuff against ozone fading.	1. Ecofriendly, sustainable antiozone in powder form.	Mixture of organic and inorganic substances	Cationic
AQUASORB-OZ	Aquasorb-OZ is a fatty acid amido amine softener used to protect indigo dyestuff against ozone fading.	1. This product has low viscosity that lends itself to easy handling in most automated feed systems. It does not carry a red label. 2. It is a complex amido amine phosphate used to protect indigo dyed fabrics and garments against ozone & NOx fading . 3. Economical & Eco-friendly.	Quaternary Ammonium Compound	Cationic
AQUASORB-TM	Aquasorb-TM 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. 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 sportswear. 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 transport (water absorption & wicking) is obtained with fabric treated with Aquasorb-TM.	Polymeric hydrophile	Non-ionic
FINISH-CO	Finish-CO is a cross-linking polymer for stiff handles. It is used for finishing of Dot Interlining cloth, canvas, buckram, etc. to give maximum stiffness. It imparts a durable finish.	1. 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 translucent 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
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. 3. Improves the mechanical properties of fibers in subsequent processes such as drafting, winding, reeling, knitting etc. 4. Increases the elasticity of textured polyamide crimped yarn. 5. Minimal effect on the light fastness & shade of dyeing's & prints. 6. Resistant to dry heat up to about 215°C & non-yellowing. 7. Improves sewability. 8. Pourable form	Carboxylic acid amide derivative	Cationic
PROFINISH-VNO	Profinish-VNO is a universal soft handle finishing agent for CO, CV and their blends. It is easily dispersible in water. It does not cause yellowing of fabrics.	1. Universal soft handle finishing of CO, CV and their blends. 2. Raising lubricant for cellulosic fibers. 3. Suitable for white goods. 4. Compatible with resin finishing agents. 5. Compatible with optical brighteners. 6. Low volatility.	Fatty acid condensation product	Non-ionic
PROFINISH-VNUM	Profinish-VNUM is a softening agent with very good sewability. It is suitable for cotton and its blend with synthetics. Applicable 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. Fabrics treated with it show a very soft voluminous and smooth handle. 4. It improves the sewability of woven and knitted fabrics due to its additives of polyethylene & silicone. 5. It is low foaming 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