

Product Name	Product Description (few lines)	Features & Benefits (4-5 pointers)	Chemical Base	Ionic Character
ALTRANOL-K	Altranol-K is a low foaming padding auxiliary in continuous dyeing and in the pad-jig process with cotton and polyester/cotton blend fabrics. Altranol-K improves the penetration and levelness of the dyeing. It is Ecofriendly and is free from APEO	1. Owing to its low foam development and good wetting action, Altranol-K ensures the rapid deaeration of wound packages dyed in long liquors and thus promotes penetration of the material by the dye liquid 2. A Concentrated anionic rapid wetting and re-wetting agent in liquid form.	Salt of phosphoric acid ester	Anionic
ALLENOL-EHC	Allenol-EHC is an anionic, non-foaming wetting agent for continuous and discontinuous dyeing of cellulosic fibers and their blends with synthetic fibers.	1. It has as excellent wetting properties and facilitates penetration of difficult to penetrate cotton grey goods. 2. Can be applied in all neutral, acid and alkaline dye liquors in exhaust & continuous processes. 3. No retarding effect on reactive, vat, Sulphur or direct dyes and does not impair their solubility. 4. Prevents vat skinning and smears when dyeing with vat and Sulphur dyes. 5. Is non-foaming under all pH conditions & silicone-free.	Aliphatic ester	Anionic
ALTRANOL-84	Altranol-84 has an excellent wetting power over the wide pH and temperature range. I	1. Very good wetting action. 2. Stable to alkaline and acidic liquors. 3. Stable to metal salts and hard water.	Ethoxylate & blend	Non-ionic
Altranol 3PM	Altranol-3PM is a high performance, multi-purpose formulation that acts as a combination of desizing agent, crack mark inhibitor and wet preparation agent for denim garments	1. Streak and crack mark inhibitor. 2. Color removal in desizing stage	Proprietary formulation of surfactants	Amphoteric
ALTRANOL-DSZL	Altranol-DSZL is an innovative, multi-functional desizing product developed for denim wet processing. Formulated as a combination for desize, lubricant and penetrable chemical. It also serves as a complete package auxiliary for alkaline scouring and bleaching, eliminating the need for multiple products. It can also be used as a physical abrasive to replace DE (diatomaceous earth) and peralite. It is APEO free.	1. Complete, balanced bleaching assistant for single stage bleaching. 2. Functions as combination hydrogen peroxide stabilizer and chelate. 3. Softer hand can be achieved in bleaching by eliminating need for sodium silicate. 4. Achieves excellent levels of whiteness. 5. Formulated for anti-redeposition control. 6. Chelated product for use in hard water. 7. Variations in size formulated require low temperature (30°C) for goods prone to creasing, (80°C) procedures when polyvinyl alcohol is present. It is effective at a wide range of bath temperature. 8. Low foaming. 9. APEO free & environmentally friendly. 10. Lower BOD and COD results from effluent	Kaolin blend dispersion	Anionic
ALTRANOL-NOVI	Altranol-NOVI is a mineral based, multi-purpose, auxiliary for all discontinuous processes e.g. peroxide bleaching, pre-scouring elastane blends	1. Suitable for all cellulosic fibers and blends of cellulosic and synthetic fibers. 2. Suitable for all kinds of machines e.g. Jets, Winches, Jigs and Package machines. 3. Multipurpose auxiliary showing excellent scouring and bleaching effects. 4. Special washing mechanism resulting in good (silicone) oil elimination and good rewetting effect. 5. Very high degree of whiteness, especially in combination with Optical Brightening agents. 6. Positive effects on machine cleaning. 12. Automatically doseable on most dosing installations.	Based on natural minerals	Anionic
Modlube ACA	Lubricant for wet processing of garments & fabrics	Acts as a lubricant when the fabric rubs against itself or machine parts, and eliminates yarn/fibre abrasion. Is low-foaming and facilitates smooth running in jet machines with higher machine loading at shorter liquor ratios.	Blend of special phosphate esters	Anionic
Lubassist C	Foam free lubricant to prevent creasing in wet processing of textiles. Suitable for cellulose, synthetics and blends	1. Provides fibre/fibre and fibre/ metal lubricity 2. Prevents crack marks, creases, wrinkling, crowsfeet's, chafe marking & fold marks.	High molecular weight polymer solution	Nonionic

RAP-GPX-NEW	RAP-GPX-NEW is a highly concentrated spotting agent for all fibers to remove lubricants, oils as well as spots caused by machine lubricating oils.	<ol style="list-style-type: none"> Emulsifies and dissolves difficult to remove oil spots. Is free of solvent and of low odor. No danger of halo formation. APEO free. It has effective, degreasing, wetting, stain removal & detergency action giving a very clean fiber/fabric. 	Blend of specialty surfactants	Non-ionic
ALTRAPLEX-CI	Altraplex-CI is a corrosion inhibitor and passive inhibitor for water systems	<ol style="list-style-type: none"> Generally used as passive and corrosive inhibitor of metal structures when water systems are used. Dyeing of ready-made garments with metal buttons and/or zips, protects accessories - especially the copper ones - from the chemical attack caused by the operative conditions, preventing stain formation due to metal accessories. Does not alter dyes features; in any case preventive tests are recommended. 	Corrosion inhibiting agent, phosphoric acid derivative	Non-ionic
ALTRANOL-FLR	Altranol FLR is a foam-generation auxiliary for foam-coating formulations and thermo-degradable wetting agent for use various finishes	<ol style="list-style-type: none"> Has excellent thermal degradability; the wetting agent completely volatilizes during drying and curing without affecting the inherent absorbency or repellency characteristics of substrate Possesses good foam-producing properties and is an efficient foam-generator in the preparation of coating formulation in foam-coating equipment. Stable foam is generated with product & when applied by coating on denim during bleaching with potassium permanganate & hypochlorite gives various bleaching effect or wave or ripple surface type effect. 	Blend of specialty surfactants	Non-ionic
ALTRAPLEX-NV	Altraplex-NV is a pH buffer for neutralizing alkaline finishing processes. Core alkali neutralizer	<ol style="list-style-type: none"> Is used for neutralizing of finishing processes. Guarantees for a neutral to weakly acid pH value on the fabric. The application of Altraplex-NV for neutralization compensates for a pH change on the fabric through the industrial water. The pH value of fabric treated with Altraplex-NV does not change if stored or dwelled for a long time. Prevents fiber damages in comparison to mineral acids. Is not volatile and therefore causes no corrosion to the stenter or other machines. It is odorless compare to formic acid & acetic acid. 	Mixture of organic/inorganic buffers	Non-ionic
ALTRAPLEX-540	Altraplex-540 is an organic sequestant with excellent chelating action on calcium, magnesium, iron and copper for the treatment of hard water and heavy metal ions over a wide range of pH and temperature in preparation, coloration and finishing processes.	<ol style="list-style-type: none"> Possesses high hydrolytic stability and maintains its sequestering activity across a wide pH range. Has good deflocculating property and dispersing action on suspended solids. Improves brightness in cottons during scouring and bleaching and in washing of coloured fabrics. Eliminates tendency of salt precipitation during print-paste preparations. Acts as an efficient peroxide stabilizer in bleach liquor and prevents occurrence of pin-holes in cotton fabrics. 	Based on organic acid salts	Anionic
ALTRAPLEX-HTS	Altraplex-HTS is an efficient sequestering agent for calcium, magnesium and heavy metal which retains its effective performance at high temperatures and also in the presence of high concentrations of electrolyte and alkali	<ol style="list-style-type: none"> Eliminates calcium and magnesium powdery precipitates or lime-soap deposits on the textile goods and prevents build-up of insoluble scale on machinery. Water absorbency, softness and winding properties of yarn are improved. Dyeing's are brighter, whites are whiter It aids reproducibility by ensuring uniform preparation and by preventing shade change with dyes sensitive to metal impurities May be used at all stages of textile processing, in scouring, bleaching, dyeing, printing or finishing. Threshold effect: It exhibits a "threshold effect" to maintain clarity in super saturated solutions of CaCO₃, CaSO₄, BaSO₄, Fe(OH)₃ etc., with very small concentrations of sequestering agent 	Polycarboxylic acid	Anionic

NOBAC-DBSP/CONC	Nobac-DBSP-Conc is a weakly anionic polyester copolymer dispersion. It is designed as an anti-redeposition, dispersing and suspending additive in standard garment wash.	<ol style="list-style-type: none"> 1. It provides superior soil release properties to polyester and polyester/cotton fabrics. 2. It minimizes staining of pocketing and labels and keeping filling whiter. 3. It is enzyme compatible and used as a back stain preventing agent for denims and garment processing. 4. It is readily dispersible in water to allow for friendlier handling formulations. 	Polyester co-polymer	Weakly anionic
Nopbac ABS Liq	Nobac-ABS-LIQ prevents back staining of dyes on the garment and on pocket fabric thereby giving better look to the garment.	<ol style="list-style-type: none"> 1. It is used for effective suspension of unfixed indigo/sulphur dye and size particles from denim garments. 	Fatty alcohol polyglycol ether	Nonionic
ALTRANOL-PV	Altranol-PV is an excellent dye complexing agent aid where over dyed shades on yarn or piece goods have to be reduced in depth while still maintaining the general shade of the character of the original dyeing. It functions as a stripping agent for dyeing's obtained with vat, sulphur, reactive and direct dyes. It is an excellent fulling and scouring agent for wool.	<ol style="list-style-type: none"> 1. A stripping agent for dyeing's obtained with vat, sulphur, reactive and direct dyes. 2. For lightening the shade of dyeing's and prints produced with direct dyes. 3. To prevent the ground from being stained when prints produced with direct and reactive dyes are washed off. 4. A levelling agent in dyeing with vat and direct dyes. 5. Color regain in over bleached denim. 6. Prevents back staining during different processing stages of Denim Garments. 7. A fulling and scouring agent for wool. Helps to prevent the staining of white or pastel grounds in multi-color fabrics i.e. wool plaids, checks and stripes. Scavenger for loose color and residual soil (i.e. removed during scouring operation) & prevents re-deposition on the fabric 	Cationic polymer	Weakly cationic
ALTRANOL-AT	Altranol-AT is complex non-ionic alkyl polyethylene glycol ether, APEO free with good detergency, excellent soil dispersing efficiency and wetting properties. It has excellent dispersing, suspending and anti-redeposition properties minimizing staining of pocketing and labels and keeping filling whiter.	<ol style="list-style-type: none"> 1. It has good detergency and excellent soil-dispersing capacity. They are mainly used in household, industrial and institutional detergents and cleaners. 2. It performs well in heavy-duty laundry detergents in medium and high temperature ranges. 3. It has an excellent dispersing and anti re-deposition properties, minimizing staining of pocketing and labels and keeping filling whiter. The dispersing properties of Altranol-AT-80 minimize likelihood of agglomeration, scaling and re-deposition of process / solubilized contaminants. <p>. It is compatible with - amylase and cellulose enzymes in garment process applications. It can be used as both wetting and dispersing in desize, abrasion and clean up after enzymatic abrasion / bleaching.</p>	Complex surfactant alkyl polyethylene glycol ethers	Non-ionic
NOBAC-ABS	Nobac-ABS is weakly anionic polycarboxylic acid copolymer. It is designed as an anti-redeposition, dispersing and suspending additive in standard garment wash processes	<ol style="list-style-type: none"> 1. It minimizes staining of pocketing and labels and keeping filling whiter. 2. It is enzyme compatible and used as a back stain preventing agent for denims and garment processing. 	Polycarboxylic acid copolymer	Weakly anionic
QUENCH-PN	Quench-PN is used for rapid removal of potassium permanganate & hypochlorite residues from processed garments. Potassium permanganate residue removal	<ol style="list-style-type: none"> 1. Eliminates coloration produced by manganese dioxide. Potassium permanganate residue removal or PP neutralizer. 2. Bleaching process when washing and neutralizing is carried out, it eliminates chlorine rests, it also eliminates eventual resistance loss & yellow produced by chlorine remains. 3. Product exempt of odor, which could be usual in other anti-chlorine products. 4. Applicable after Ultrafresh MG and other based on permanganate. 5. Complete removal of yellow tint from denim after PP treatment & leaving denim look bluer in compare to traditional neutralizer, metabisulfite. 	Blend of inorganic salt	Non-ionic

QUENCH-EPN	Quench-EPN is a Bio-based, sulphur-free neutralizer used to neutralize potassium permanganate. PP substitutes and chlorine bleached garments. Quench EPN works at room temperature at pH 4.0 – 6.0.	<ol style="list-style-type: none"> 1. It is used for removing manganese dioxide from bleached garments. In chlorine bleaching it is applied for stopping the bleaching process. Thereby, it replaces ecologically harmful or corrosive substances like hydroxylamine sulfate (HAS) or sodium bisulfite / metabisulfite. 2. It is also suitable for the neutralization of active chlorine. 3. Provides better contrast and brighter shades to garments. 4. It is a substitution of oxalic acid, sodium pyrosulfite or hydroxylamine sulphate. 5. It is free of formaldehyde, APEO, heavy metal ions and it works at room temperatures. 	Mixture of organic and inorganic substances	Nonionic
NEUTROX-ALN	Neutrox-ALN is an auxiliary used for neutralizing residual peroxide & hypochlorite from processed garments & fabric after bleaching cycle & subsequent dyeing with reactive dyes.	<ol style="list-style-type: none"> 1. Optimizing of bleaching & dyeing cycles. 2. Saving in energy & water consumption. 3. Reduced effluent quantity. 4. Reproducible & consistent results. 5. Reducing agent against the rests of sodium hypochlorite used for jeans bleaching. 6. Bleaching process when washing and neutralizing is carried out, it eliminates chlorine rests, it also eliminates eventual resistance loss & yellow produced by chlorine remains. 7. Product exempt of odor, which could be usual in other anti-chlorine products. 	Inorganic compound	Nonionic
Quench CLN	Permanganate neutralizer/ Antichlor treatment	Developed for rapid removal of potassium permanganate residues from processed garments. Avoids yellowing caused due to traces of hypochlorite left on the indigo dyed garments or fabrics	Blend of inorganic salt	Nonionic
ALTRAPLEX-LP	Lykra protector	<ol style="list-style-type: none"> 1. Altraplex-LP can be used to prevent the shrinkage or breakage of the stretch Lykra yarn in stretch denim or PFD garments. 2. It has excellent heat resistance, and does not cause yellowing. 	Pyrogenic silica sol	Weakly cationic / non-ionic
ALQUAT-CLA	Alquat-CLA is a unique catalyst & desorbing agent designed to greatly accelerate action of chlorine bleach on indigo (anthraquinone & indigo) Sulfur, azo and direct color dyes on native fibers. Bleach bath accelerator	<ol style="list-style-type: none"> 1. Ensures over 50% reduction in chlorine bleach concentration. 2. Substantial reduction in bleach cycle time allowing for improved productivity. 3. Bleaching process at lower temperatures allowing savings in fuel costs & energy costs. 4. Vastly reduced effluent quantities. 5. Is ECO friendly and environmentally safe. 6. It performs synergistically when used in chlorine bleach processes; enabling substantial reductions in chlorine bleach concentrations bleach cycle time and/or process temperatures to achieve a given shade. 	Sulfidated ammonium derivative	Cationic
DENIMAX-GC	Denimax-GC is developed as a product for producing gray cast on denim during hypochlorite bleaching process. The disadvantage of bleaching indigo dyed fabrics with sodium hypochlorite produces a royal blue or powder blue color on fabric & is not desirable always. To overcome this disadvantage the expensive process used is laccase enzyme. Denimax-GC is the chemical substitute of laccase enzyme.	<ol style="list-style-type: none"> 1. Denimax-GC provides a method of producing the faded appearance in a single step during hypochlorite bleaching produces the desired gray cast on denim. It avoids use of expensive laccase-enzyme products. Shortens the extra step of 30 - 45 mins of enzyme treatment. 2. Produces consistency gray cast or shade, unlike in case of laccase enzyme where shade or cast variation cannot be controlled. 	Blend of inorganic salts	Non-ionic
ULTRAFRESH-MG	Ultrafresh-MG is a powder bleaching composition for fading and other special effect on cellulosic fabric. It is non-aqueous system designed to produce washed out look.	<ol style="list-style-type: none"> 1. Used for finishes on denim such as French Frost, ice wash, white wash, snow wash and acid wash. 2. Also used to achieve a 'worn' appearance on light weight garments like fleece and T-shirts. 3. Can be used at different dosages to obtain many finishes. 4. Gives very good ocean wash effect on corduroy fabric. 5. It is non-aqueous method for fading a previously dyed denim fabric. 6. When used suitably it can achieve the following effects: <ul style="list-style-type: none"> - Cracked look - Ice look - Bright white look - Black sky look 	Semectite clay & alkali metal salt	Non-ionic

ALQUAT-5851	Alquat-5851 is a specially developed cationic, water soluble polymer intended for use in the cationising of cotton goods prior to pigment dyeing process.	1. Cationizer for pigment dyeing by exhaust process. Garment dyeing i.e. pigment dyeing for brighter colour . 2. Catinization in both alkaline & acidic pH condition 3. It is also used as an after finishing agent to improve wash and crock fastness of reactive and direct dyed fabrics. It increases the amount of dye uptake that can be exhausted onto cellulosic fabric with direct, pigment, fibre reactive, sulphur dyes, vat and indigo.	Polycation	Weakly Cationic
ALQUAT-4035	Alquat-4035 is a specially developed cationic, water soluble polymer intended for use in the cationising of cotton goods prior to dyeing process.	1. Cationizer for pigment dyeing by exhaust process. Garment dyeing i.e. pigment dyeing for brighter colour , reactive & direct dyes. 2. It is also used as an after finishing agent to improve wash and crock fastness of reactive and direct dyed fabrics. It increases the amount of dye uptake that can be exhausted onto cellulosic fabric with direct, pigment, fibre reactive, sulphur dyes, vat and indigo.	Polycation	Cationic
ALQUAT-CF	Alquat-CF is a specially developed cationic, water soluble polymer intended for use in the cationising of cotton goods prior to dyeing process.	1. Cationizer for pigment dyeing by exhaust process. Garment dyeing i.e. pigment dyeing for brighter colour . 2. Catinization in both alkaline & acidic pH condition 3. It is also used as an after finishing agent to improve wash and crock fastness of reactive and direct dyed fabrics. It increases the amount of dye uptake that can be exhausted onto cellulosic fabric with direct, pigment, fibre reactive, sulphur dyes, vat and indigo.	Polyetheramine	Cationic
ALQUAT-M	Alquat-M is a specially developed cationic, water soluble polymer intended for use in the cationising of cotton goods prior to pigment dyeing , acid dyeing on cotton	1. Cationizer for pigment dyeing by exhaust process. Garment dyeing i.e. pigment dyeing for brighter colour 2. Cationiser for direct, reactive & acid dyes on cotton	Polyamine resin	Weakly Cationic
ALTRAPLEX-WSA	Developed as a color stripping agent.	1. Vintage looks or faded effect on garment. 2. High redox potential. Redox buffer for sulphur & vat. Stable vat. 3. Reductive bleaching. 4. Reductive stone wash for denim.	Based on sodium borohydride	Cationic
DENIM FINISH-ANTQ	Denim Finish-ANTQ is designed to give an aged cast to abraded denim garments	1. Pumpable, easy to use liquid. 2. Environmentally friendly. 3. Useful on indigo, direct, reactive and other dyed fabrics.	Blend of organic and inorganic compounds	Nonionic
Triplex TOW	Formaldehyde free pigment binder. Auxilairy for wave dyeing	formaldehyde free thermoplastic Acrylic Emulsion Polymer which exhibits extra-ordinary flexibility, good water resistance high pigment loading capabilities.	Acrylic copolymer	Cationic
CATALYST-CLT	Catalyst-CLT is a cross-linking agent for resins in aqueous medium. It improves the washing & dry-cleaning durability of cured films. It is formalin free and improves elastic recovery & shrink resistance.	1. It is used to reduce fixation temperature of resins and water based polymers. 2. It is a crosslinking agent designed to improve the physical characteristics polyacrylics , polyurethane, polyvinyl, SBR lattices, 3. It allows reduction in curing time and temperatures. Lower curing conditions ensures faster production, saving energy costs. 4. Improves the fastness of pigment prints to wet treatments. 5. The addition of Catalyst-CLT increases the possibility of Laundry Air Dry processes and the fabric protection is retained at a good level without subsequent ironing / heat treatment. 8. Brings durable film on the fiber surface without influencing the breathing properties. 9. Formaldehyde free. Environmentally friendly	Aqueous dispersion of a polyurethane based compound	Non-ionic
DYEBOND-425	Dyebond-425 is a special high molecular weight cationic compound designed to demand high wet rubbing fastness for trouble-shooting on deep navy, black, red shades on cellulose fiber and its blends, accompanied with high value-adding benefits for dyeing mills & apparel brands.	1. It improves distinctly both the dry and wet rubbing fastness on 100% Cotton, Rayon, PET/cotton blends. It is applied for the aftertreatment of dyeing and prints. 2. No influence to washing, and perspiration fastness and the handle of fabric. 3. Does not lead to any shade deviations. 4. It is extremely effective on indigo dyed denims. 5. Applicable by both PAD & Exhaust. 6. Good hydro absorbency. 7. Low foaming & excellent solubility. 8. Free of formaldehyde, dimethylformamide & butanone oxime	Waterborne polyurethane	Cationic

DYEBOND-MAX New	Wet & dry rub fastness improver	1. suitable for sulphur, reactives, direct & indigo dyed goods 2. Ecofriendly, DMF free oxime free	Waterborne polyurethane	Cationic
ALQUAT-RD	Alquat-RD is a non-formaldehyde based dye fixing agent for cellulosic fabrics. It improves the wet fastness and wash fastness properties of direct and reactive dyeing on cellulosic fibers. To improve the wet fastness and wash fastness properties of direct and discharge prints with direct and reactive dyestuffs. It also improves fastness to perspiration fastness.	1. Little change of shade. 2. Little effect on light fastness. 3. No significant effect on handle. 4. Good compatibility with softening and finishing liquors. 5. Formaldehyde free. 6. Very good resistance to salts causing hardness of water.	Polyquaternary ammonium compound	Cationic
DYEFIX-CPW	Dyefix-CPW is an eco-friendly cationic dye fixing agent for reactive, vat, sulphur & direct dyes which does not contain formaldehyde in its formulation. Dyefix-CPW does not affect either light fastness or the shade of the treated material. Dyefix-CPW can be applied by exhaust as well as pad application.	1. Formaldehyde free 2. Suitable for Oekotex and baby wear 3. Especially suitable even tricky shades like turquoise blue 4. Does not affect shade or light fastness 5. Rematching not required 6. Versatile Suitable for exhaust and pad application	Polycation	Cationic
DYEFIX-FRD	is a next-generation fixing agent that delivers the strongest possible wet-fastness for all reactive dyes on cotton	1. Gives acceptable effects to improvement of not only color fastness to dry rubbing but also color fastness to wet rubbing to which the usual agents have been considered to be difficult to give effects. 2. It also improves wet fastness of cellulosic fabrics. 3. Imparts excellent wash fastness to direct & fiber dyed fabrics to water, perspiration wet ironing, sea -water & laundering. 4. It is a zero formaldehyde product & hence treated fabric is free from formaldehyde odor. Further the fabrics satisfies international regulations concerning formaldehyde emission 5. It is highly resistant to presence of salts such as common salt & Glauber salt. 6. It is effective at room temperature. For optimum results the dyed fabric should be treated at 40 -50°C for 20 mins.	Polydadmac	Cationic
DYEFIX-CF	Dyefix-CF improves both, the wet fastness to washing and chlorine for materials that are dyed with reactive and direct dyes. Properties like perspiration, washing, etc. are also improved. It is applicable on exhaustion as well as by padding method with finishing resin. It is non-foaming and is formaldehyde free.	1. Gives excellent chlorine resistance. Gives excellent pool water fastness. 2. All round product for reactive and direct dyeing's, excellent improvement of contact water fastness. 3. Contact fastness of basic, sulphur, vat, direct & reactive dyeing's are distinctly improved & so suitable for polyacrylics, cellulose & regenerated cellulosic fabrics. 4. None or only minimum influence on shade change and light fastness. No influence on handle and absorbency.	Polyetheramine in aqueous solution	Cationic
DYEFIX-NCF/CONC	Concentrated dyefixing agent to improve chlorine fastness for metal complex & acid dyes on nylon,	1. Chlorine fastness for nylon or polyamide fabrics 2. Excellent pool water fastness for swim wear made of polyamide or nylon.	Methylene linked condensation product	Anionic
Dyebond-IDB	Indigo blocker	Dyebind IDB is a crosslinking agent to improve washing fastness of denim to keep the original blue denim colour. It has been developed to increase the rubbing fastness of raw fabrics dyed with indigo and sulphur dyes	Polyamide resin	Cationic
DYEBOND-IF	Dyebond-IF is a cross linking agent to improve washing fastness of Indigo and Sulphur dyed denim fabric/garment. It improves wet & dry crock resistance on the fabric. It improves wash fastness without significantly affecting the dye shade.	1. Improves wet and dry crock resistance on the fabric. 2. Improves wash fastness without significantly affecting the dye shade. 3. Effective over a wide pH range of 2.0 - 10.0. 4. High substantivity to cellulosic fibers. 5. Improves appearance of denim garments to washing. 6. Assists in yarn size retention. 7. Good treated with it keep their original indigo blue even after stone-wash. 8. Contains no formaldehyde.	Polyamide resin	Cationic
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-PCS	Permanent creases on cellulosic with built in catalyst	Is developed as An unique performance chemical designed for achieving special fashion effects on all class of cotton rich garments i.e. shirting, bottom weights, denims Very low formaldehyde values, in particular according to Law 112 and AATCC 112 Soft handle	Modified dimethylol dihydroxyethylene urea	Nonionic
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
Modfinish HD/ Sylast-TSI	High density polyolefin emulsion	Sewability improver for textile goods of all types of fibres. Improves the abrasion resistance & tear strength of resin finished goods. Eases needle penetration considerably when needling non-wovens and felts	High density polyolefin emulsion	Nonionic/ weakly cationic
ANTIPIIL-CAS	Antipil & antislip agent produced by an insitu reaction which results in stable nano dispersions.	1. Treated fabric imparts excellent antipil, antislip and antisnag properties. Improving seam resistance and resistance to thread slippage of all slippage-prone fabrics, particularly suitable for apparel fabrics like blouses and shirts. 2. It has an excellent antistatic effect on polyester fabric.	Pyrogenic silica sol	Weakly Cationic
QUENCH-BA/ Neutrox BA	Optical Brightener Quencher. "a highly effective, fast working quenching agent for the fluorescent whitening agents used in the paper industry.	1. Unlike conventional UV absorbers quench BA performs the OBA masking function by forming a complex with OBA thereby preventing reemission in visible spectrum. 2. Rapid quenching of fluorescence in machine, stock preparation equipment & pipe systems considerably shortens the change-over times. 3. Resulting increase in production results in cost benefits which are far greater than the cost of product. 4. Helps correct fabrics/garments with localized OBA patches or stains. 5. Permits complete removal of OBA from treated textiles.	Benzene carboxylic acid amide derivative.	Cationic
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
ALLEN ANTIDUST ADP	Specialty product designed to impart anti-pollen & anti-dry dust repellent properties to the treated fabrics.	1. It has the excellent anti-pollen & anti-dry dust effects with good durability under repeated washing. 2. Applicable on apparel fabrics, upholstery, carpets and other household textiles. 3. Does not cause coarsening of handle or any hindrance to water absorbency in treated fabric. 4. It minimizes pollen & dry dust from adhering to the fabrics & allows easy removal of dust & pollen from the fabric. Imparted properties are durable to multiple wash & dry-clean cycles.	Modified ceramic Nano-dispersion	Non-ionic / weakly cationic
STABILITE-UPF-C	Stabilite-UPF-C is a textile finishing agent which enhances color fastness to light & perspiration for Cellulosic dyed with reactive, Sulphur & direct dyes.	1. Treated fabric exhibits excellent ultraviolet absorbing properties durable to washing resulting in improved UPF/SPF ratings on cellulosic fabrics 2. It has little self-color and therefore has virtually no influence on the shade of dyeing's.	Benzotriazol derivative	Non-ionic

STABILITE-SLP-NEW	Stabilite-SLP-NEW is a highly efficient UV absorber to process polyester textile goods selected for the automotive industry	<ul style="list-style-type: none"> ☑ Improves the hot lightfastness of polyester dyeing's with disperse dyes for the automotive industry which already have good lightfastness. ☑ Reduces fiber damage due to photochemical degradation. 1. It has a very good dispersion stability and is therefore particularly suitable for exhaust dyeing. 2. It has little self-color and therefore has virtually no influence on the shade of dyeing's. 3. Improves the light fastness of disperse dyes in general. 4. Improves the light fastness of dispersed dyes submitted to the test of the automotive industry 	Benzotriazol derivative	Anionic
ALLENOL-PYP	Antiphenolic yellowing agent. High performance composition designed for treating fabrics & garments from yellowing due to storage conditions	<ol style="list-style-type: none"> 1. Normally white PA turn yellow even under slightly acid conditions. This is due to the cationic character of the free amino end-groups of PA which interact with the antioxidant derivate 2. Allenol-PYP is preventing such yellowing while blocking the free amino end-groups of the PA. 	Sulfonic acid derivatives & specialty additives	Anionic
AQUASORB-OZ	Aquasorb-OZ is a fatty acid amido amine softener used to protect indigo dyestuff against ozone fading.	<ol style="list-style-type: none"> 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-HIS	A quaternary ammonium softener used to protect indigo dyestuff against ozone fading. It does not carry a red label.	<ol style="list-style-type: none"> 1. AEEA free. Ecofriendly antiozone softner. It is used to protect indigo dyed fabrics and garments against ozone & NOx fading. 	Quaternary ammonium tetra-alkyl ammonium sulphate	Cationic
AQUASORB-AO-PDR	Aquasorb-AO-PDR helps protect indigo dyestuff against ozone fading.	<ol style="list-style-type: none"> 1. Ecofriendly, sustainable antiozone in powder form. 	Mixture of organic and inorganic substances	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	<ol style="list-style-type: none"> 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-2091	Profinish-2091 is a non yellowing softening agent for softening effects on cellulosic and their blends.	<ol style="list-style-type: none"> 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
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	<ol style="list-style-type: none"> 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

PROFINISH-KL-NEW	Profinish-KL-NEW is a softener for cellulosic fibers and their blends with synthetics.	<ol style="list-style-type: none"> 1. Very good softening effects, also on mercerized cotton. 2. No impairment of hydrophilic properties. 3. Promotes mechanical shrinkage of knitwear. 4. Suitable for pretreatment of prints. 5. Suitable for white goods. 6. Improvement of sewability. 7. Application on reactive dyeing's and prints is also possible with pH-values of 6.0 - 6.5. 	Based on quaternary ammonium softener & silicone	Cationic
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"> 1. No influence on existing hydrophilic fabric properties. 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. 7. Antistatic effect for synthetic fibers. 	Quat softener	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"> 1. A naturally soft (wet-touch-type) & full hand especially in combination with organo functional silicone emulsions. 2. Elastomeric finish with high impact resilience resulting in improved fabric elasticity, stretch / recovery & shape retention in knits. 3. Improved springy & bouncy handle with enhanced wet & dry crush resistance resulting in improved D.P. appearance ratings. 4. Compacts non-resinated knit. Improves pile retention for corduroy fabrics. 5 Improves sanforizing performance. 	Urethane pre-polymer	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"> 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 Nano PU	Permafin-NANO-PU is Nano-dispersion self-crosslinking polyether polyurethane for high-grade finishing applications	<ol style="list-style-type: none"> 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

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"> 1. 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. 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. 3. Lower soil re-deposition: The special soil release action of Quest-AQ ensures that white fabrics stay white and colored fabrics stay bright. The "graying" or "dulling" of fabrics which occurs during domestic washing is markedly reduced. 4. Enhanced stain removal: It makes it easy to wash off oily or greasy stains and keeps the fabric fresh and clean. 	Polymeric Hydrophile	Non-ionic
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	<ol style="list-style-type: none"> 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
Alaroma series	Imparts characteristic durable fragrance to fabric	<ol style="list-style-type: none"> 1. Fragrance & Aroma- Chemicals 2. Antimicrobials (Antifungals, Anti-Mite, Anti-Bacterial, Antivirals) 3. Oil Soluble Vitamins 4. Phase Change Polymers 5. UV Blockers 6. Pesticides 7. Self-Healing Polymers 	Microencapsulated capsules	Weakly anionic
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.	<ol style="list-style-type: none"> 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
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.	<ol style="list-style-type: none"> 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-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.	<ol style="list-style-type: none"> 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 silicone	Non-ionic
Finish CO	For paper finish	<ol style="list-style-type: none"> 1. Treated garment achieves papery finish 2. To be used along with silicone softener 	Acetate polymer	Anionic
AQUAREPEL-ZERO-FC	A long-lasting, fluorine-free water repellent finish targeted to fabrics used in outdoor, leisure and sportswear applications.	<ol style="list-style-type: none"> 1. Water repellency: It offers superior water repellency levels to existing fluorine-free products available on the market and close to C6 fluorochemicals. To recover the water repellency after laundering, ironing is not necessary. 2. Pleasant touch: softness and bulky hand-feel ensures the fabric stays pleasant to the touch. 3. No impact on breathability of the fabric. 4. Sustainability: fluorine-free. Ecofriendly. 5. Free from PFCS (Perfluorinated) & banned substances. 	Polymers of high branched dendrimers in a matrix of hydrocarbon	Cationic

Aquarepel XC-630-N	Aquarepel-XC-630-N is C6 chemistry based fluorocarbon concentrated product for technical articles and synthetic based fibers for water, oil and alcohol-repellent effects.	1. It offers high washing durabilities by using a blocked isocyanate.2. Due to non ionic nature no roller buildup issues in long running	Dispersion of a fluorine compound	Non ioNnic
AQUAREPEL-XAN	A fluorocarbon extender with outstanding effect improvement in combination with fluoro chemicals. Optimizing the oil & water repellent effects on delicate articles	1 Marked improvement of the fastness to washing and dry cleaning & abrasion resistance. 2 Optimizing the oil and water repellent effects on delicate articles. 3 The fabric protection is retained on a high level.	Dispersion of an oxime blocked polyisocyanate	Cationic / Non-ionic
Texcoat GF	Glossy effect	Texcoat-GF is a product formulated to achieve shiny effects without the use of a press		Anionic
Permafin PUD	Lustre coating	Permafin-PUD is the water dispersing emulsion of a non-yellowing type urethane polymer and acrylic It is suitable for all kinds of coating processing (Luster coating etc.)	Polyurethane dispersion	Anioinc
SANIGUARD-7500	Saniguard-7500 is a potent Anti-Bacterial, Anti-Viral, Anti-Fungal, Anti-Mold, Anti-Yeast & Anti-Biofilm. It is a broadspectrum, non-leaching, non-toxic, durable antimicrobial. It is hydrophobic, non-migrating & is not consumed by microorganisms	1. It is durable, nontoxic antimicrobial imparting broad spectrum, bio-static activity to the surface of a wide variety of substrates. 2. It is non-leaching, non-migrating & is not consumed by microorganisms. 3. It is effective against gram positive and gram-negative bacteria, fungi, viruses, Mold, algae & yeasts. 4. Prevents deterioration & discoloration caused by bacteria, fungi, algae & yeasts. 5.Prolongs the life of an article by inhibiting the growth of bacteria and mildew. 6. It provides hygienic freshness. It resists odors through chemical protection. 7. It retains the freshness of an article by inhibiting or resisting the growth of odor causing bacterial and mildew (fungus).	Silane quat ammonium compound	cationic
SANIGUARD-MIC	Saniguard-MIC is a concentrated, durable antimicrobial and anti-enveloped virus (includes Novel Coronavirus - COVID-19) finish especially formulated for use in the textile industry.	1. Will not affect color. 2. Kills enveloped viruses such as flu virus, feline corona virus, H1N1 virus on rigid-flexible surfaces. 3. No effect upon wash fastness. 4. Safe and hygienic 5. Controls a broad spectrum of Gram Positive and Gram Negative microorganisms. 6. Preserves fabric to a Hygienic Standard. 7. Will prevent discoloration due to microbial attack	Quat derivative compound	Cationic
Saniguard VIR X	Saniguard VIR-X is a durable antiviral and antimicrobial Saniguard VIR-X can be widely used for the antiviral and antimicrobial treatment of face masks, air filters, medical gowns/PPES, curtains, drapes ,medical textiles,Uniforms and apparel , towel, bedding products, wet wipes, and others	Saniguard VIR-X is effective on enveloped viruses & naked viruses Saniguard VIR-X inhibits the growth and persistence of bacteria and viruses imparting long-lasting freshness for the textiles and control the reproduction of pathogens, microorganisms at low application levels.	Quat derivative compound	Cationic
SANIGUARD-ECO	Saniguard-ECO is a solvent free non-leaching anti-microbial agent for durable hygienic finishing of cellulosic, synthetics and their blends. It is effective against broad spectrum of pathogenic microbes. Treated fabric substrates complies with AATCC 100, JIS L 1902 test methods	1. It is durable, nontoxic antimicrobial imparting broad spectrum, bio-static activity to the surface of a wide variety of substrates. 2. It is non-leaching, non-migrating & is not consumed by microorganisms. 3. It is effective against gram positive and gram-negative bacteria, fungi, viruses, Mold, algae & yeasts. 4. Prevents deterioration & discoloration caused by bacteria, fungi, algae & yeasts. 5. Prolongs the life of an article by inhibiting the growth of bacteria and mildew. 6. It provides hygienic freshness. It resists odors through chemical protection. 7. It retains the freshness of an article by inhibiting or resisting the growth of odor causing bacterial and mildew (fungus).	quat ammonium compound	Cationic

SANIGUARD-N-AG	Saniguard-N-AG is a pure metallic silver based durable, non-leaching antimicrobial, designed to meet the finishing needs for customers requiring anti-microbial performance durable to multiple cycles of laundering. It is a preferred, safe and natural way to odor free and pathogen free textiles	<ol style="list-style-type: none"> 1. A pure, metallic silver in pure deionized water. 2. Particle's large surface area allows optimum contact with textile, making it highly effective at deactivating bacteria and other microbes. 3. Effectively hooks onto textiles for extended durability wash after wash, estimated for lifetime of garment. 4. Non-leaching, remains intact on treated textile and works where needed to protect garment or textile. 5. Long lasting performance with minimal amount of silver loading. 6. Easy to apply, works invisibly without changing the look or feel of textiles. Safe on skin, safe on textiles, safe for the environment. 7. Easily applied through standard finishing processes- Exhaust, Padding, Spray, Moulding, coating processes. 8. Does not affect color or handle; Whites remain white. 	Pure metallic silver	Weakly cationic/ 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	<ol style="list-style-type: none"> 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
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.	<ol style="list-style-type: none"> 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	<ol style="list-style-type: none"> 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. <ul style="list-style-type: none"> 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-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	<ol style="list-style-type: none"> 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

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"> 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 ACN-	<p>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.</p>	<ol style="list-style-type: none"> 1. Gives excellent soft, smooth handle on all types of fabrics especially high value cotton shirting, sheeting fabric. 2. Improves sewability, crease recovery & tensile strength of the fabric. 3. Give extremely smooth gold finish on 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