



Pulcra Chemicals
The solution specialist



PRODUCT RANGE

TEXTILE AUXILIARIES BRAZIL

Our product range offers technical solutions for a wide range of customer requirements.

Pulcra Chemicals

The solution specialist

Pulcra Chemicals is a global company with outstanding engineering capabilities and unique processing knowledge. We look back on over 140 years of experience in the production of innovative specialty chemicals for the fiber, textile and leather industries.

Our goal is the success of our customers, whom we support in the best possible way in product development, legal compliance and sustainability.



SPECIALTY CHEMICALS
FOR APPLICATIONS
IN THE **TEXTILE,**
FIBER AND LEATHER
INDUSTRIES

OUR COMPANY

Pulcra Chemicals is a global company with outstanding engineering capabilities and unique processing knowledge. We are represented in 16 countries with around 1.000 employees.

OUR VISION & MISSION

We aim to be recognized as a world class chemical solution provider.

The mission is to offer the best tailor-made solutions to current and future needs of our customers – thanks to continuously meeting and exceeding their expectations.

All this is accomplished by preserving the quality of our environment.

INNOVATION FOR A SUSTAINABLE FUTURE

FOCUS ON **NATURAL** AND **SUSTAINABLE**

Pulcra Chemicals has a long history of using renewable resources to produce biodegradable and environmentally friendly products. For many years, we have produced sizing products based on natural polymers with film-forming properties. These polymers ensure trouble-free production in the weaving mill – 24 h a day, with maximum efficiency.

A large number of our formulations are based on components obtained predominantly from renewable raw materials. We are represented with these products in many application areas in the fiber, textile and leather industries for a wide range of articles and markets. The focus is not only on the products themselves, but also on carrying out processes that consume less time, water and energy and leave a smaller CO₂ footprint. We are always striving to optimize and simplify these processes, and to develop more environmentally friendly and efficient products that offer a good cost-benefit ratio for sustainable production.



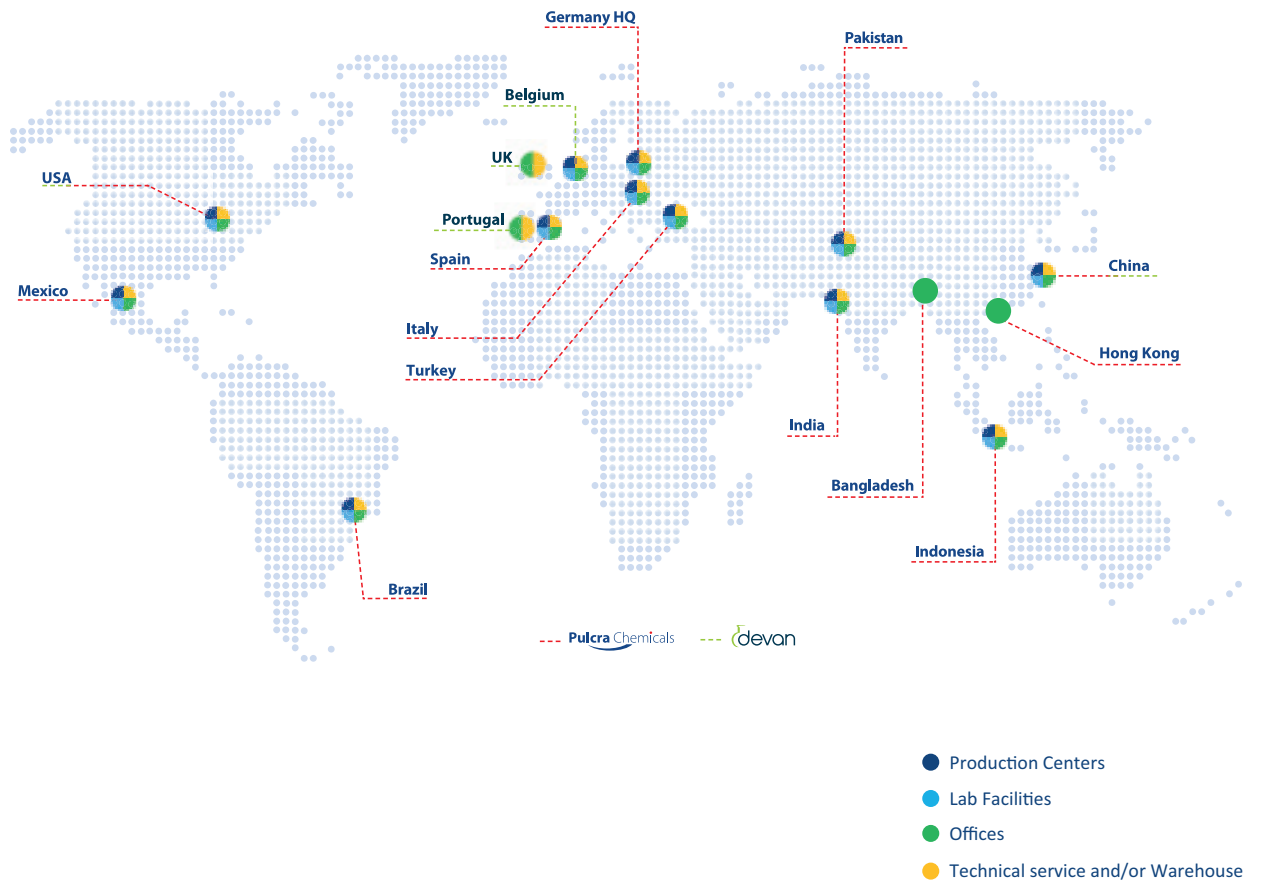
THROUGH THE USE OF ENVIRONMENTALLY FRIENDLY PRODUCTS, PROCESS OPTIMIZATION AND RECYCLING, FIBER, TEXTILE AND LEATHER MANUFACTURERS CAN HELP TO REDUCE THE IMPACT ON THE ENVIRONMENT.



OVERVIEW OF OUR SUSTAINABLE STANDARDS



PULCRA CHEMICALS **WORLDWIDE**



We are where our customers need us: This statement is not just a promise, but a lived corporate philosophy at PULCRA Chemicals. At 16 facilities and with numerous additional agents and distributors – spread around the globe – PULCRA also offers specific product solutions as well as technical on-site service. Specialists from the R&D departments and furthermore an experienced team of engineers, technicians, sales and marketing staff develop customized solutions for you.

We live diversity and networking: Our product developers are well connected and cooperate in many ways, for example with research institutes, universities, associations and startups around the world. Innovation is a process that never ends. That's why we are always involved when it comes to further improving a product feature. We work on this in our development laboratories around the world. Our global production network enables us to respond flexibly to customer requirements.

FACTS & FIGURES



4 Business Units

Fiber/Textile/Leather/
Performance



3,000

Over 3,000 customers



5,000

Over 5,000 products



16

Represented in 16 countries



1,000

Around 1,000 employees
worldwide



340

Turnover 340 Mio EUR

BRANDS & INDIVIDUAL SOLUTIONS



TEXTILE

Specialty chemicals for the production of yarns, woven-, knitted fabrics, nonwovens and denim in the sizing, pretreatment, dyeing, printing, softening and finishing process stages.



FIBER

Specialty chemicals for primary, secondary spinning and nonwoven production.



LEATHER

Specialty chemicals and dyes for the production of leather and furs.

SPECIALTY CHEMICALS FOR THE TEXTILE INDUSTRY

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Specialized auxiliaries for Denim.

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FIBER & YARN

PRODUCT	FIELD OF APPLICATION	IONIC NATURE	CHEMICAL COMPOSITION
YARN LUBRICANTS AND OVER SPRAYS			
SPREITAN® 2080	Winding oil with anti-splashing action, specially developed for yarns that demand maximum lubrication, free of Mineral oil and nonylphenol ethoxylate.	Non-ionic	Combination of special synthetic esters, emulgators and antistatic agents and anti-splashing additive
SPREITAN® 25/8	Special winding oil for polyamide and polyester flat and texturized mono and multifilaments yarns.	Non-ionic	Combination of special esters, emulgators, antistatic agents and mineral oil.
STANTEX® TWO 200	Special winding oil for flat mono and multifilament yarns of polyamide, polyester and polypropylene raffia.	Non-ionic	Blend of antistatic agents and mineral oil USP grade
STANTEX® BIO GOLD	Finishing agent for reducing friction of mono and multi-strands of flat and textured polyamide or polyester. STANTEX® BIO GOLD was developed with an exclusive and innovative technology that has good biodegradability and it is free of nonylphenol and/or ethoxylated octylphenol.	Non-ionic	Association of hydrocarbons with nonpolar and emulsifying additives, free of nonylphenol and/or ethoxylated octylphenol
STANTEX® HB	Coning oil suitable for winding and texturized mono and multifilament yarns of polyamide and polyester, with anti-splashing action.	Non-ionic	Association of hydrocarbons with antistatics, apolar additives and emulsifiers, APEO free
STANTEX® C 4180	Winding oil with anti-splashing action, specially developed for yarns that demand maximum lubrication, free of Mineral oil and nonylphenol ethoxylate.	Non-ionic	Association of hydrocarbons with nonpolar and emulsifying additives, free of nonylphenol and/or ethoxylated octylphenol
STANTEX® LA 350	Winding oil for synthetic fibres, in particular for flat and textured polypropylene, polyamide and polyester multifilaments and polypropylene raffia.	Non-ionic	Association of hydrocarbons with non-polar additives, free of nonylphenol and/or ethoxylated octylphenol
STANTEX® TWO 250	Winding oil for mono and multifilament flat polyamide, polyester and polypropylene raffia yarns.	Non-ionic	Association of hydrocarbons with non-polar additives, free of nonylphenol and/or ethoxylated octylphenol
STANTEX® UNF	Universal low splash coning and warping oil for synthetic filament yarns.	Non-ionic	Combination of hydrocarbons, antistatics, additives and emulsifiers
DETERGENT FOR YARNS AND FIBERS			
KATAX® L 60 N	Emulsifier for several washing processes, in particular for raw wool scouring process.	Non-ionic	Derivative of alkyl polyglycol ester
FORYL® PET	Biodegradable surfactant for washing synthetic fibers, including the recycling process of polyethylene terephthalate fibers (PET). In natural fiber cleaning processes also gives good results.	Non-ionic	Association ethoxylated fatty alcohols
ANTISTATICS AGENTS			
KATAX® N	Antistatic lubricant for synthetic fibers and their blends.	Non-ionic	Combination of natural fatty acids derivatives, fatty amine and ethoxylated emulsifiers
SELBANA® 4193	Spin finish for the spinning process of natural, artificial, synthetic fibers and their blends.	Non-ionic	Association of fatty acid polyglycolic esters
SELBANA® 4554 BR	Wool carding lubricant in wool top making processes. When applying SELBANA® 4554 BR a reproducible gain in hauteur can be realized. Besides of an improvement in the quality of the tops clear economic advantages can be achieved due to a better yield.	Anionic/ non-ionic	Combination of special fatty acid esters, antistatic agents and nonionic emulsifiers
STANTEX® HS	STANTEX® HS is an antistatic agent, recommended as a non-volatile product, antistatic thermostable for synthetic filament or staple fibers. Used successfully in wool, spun wool and cotton, especially in synthetic and natural fibers, and a wide variety of mixtures.	Non-ionic	Alkylaryl polyglycol ether

PRODUCT	FIELD OF APPLICATION	IONIC NATURE	CHEMICAL COMPOSITION
SPIN FINISHES			
KATAX® N	Antistatic lubricant for synthetic fibers and their blends.	Non-ionic	Combination of natural fatty acids derivatives, fatty amine and ethoxylated emulsifiers
STANTEX® N 60	Universal spin finish for spinning and fiber finishing processes. It is indicated for synthetic fibers and their blends.	Non-ionic	Combination of natural fatty acids derivatives, fatty amine and ethoxylated emulsifiers
STANTEX® 6040 PET	It is suitable for production of PES STAPLE FIBER, its formulation allows production of wool fiber fill type and also for production of PES STABLE FIBER for non-wovens. Also suitable for the production of polypropylene fiber cut.	Non-ionic/ anionic	Combination of polyglycolic and antistatic ester
STANTEX® A 0953	Spin finish specially developed for low to medium dtex FDY polyamide, which will subsequently be draw texturized in high speed machines.	Anionic	Blend of fatty esters, emulsifiers and antistatic agents
STANTEX® CF 4189	Primary spin finish for the production of fiber cement – cut fiber of polypropylene or blends, applied in the spinning process, preferably in emulsion.	Non-ionic	Association of fatty acid polyglycolic esters
STANTEX® CF 4190	Secondary spin Finish for the production of fiber cement – polypropylene fiber or blends, applied in the post-stretch finish, preferably in emulsion.	Anionic	Association of fatty acid polyglycolic esters
STANTEX® CF 0966	Spin finish for polypropylene staple fiber, with application as cement reinforcing fiber. Optimizes fiber cutting, provides adequate cohesion to the process and good dispersion to the filaments.	Non-ionic	Lubricant composed of alkyl polyglycol ether
STANTEX® E 4157	Spin finish for synthetic fiber.	Non-ionic	Association of fatty acid polyglycolic esters
STANTEX® E 5007	Spin finish indicated for the production of multifilament polyester FDY/staple fiber made of polypropylene, polyester or PET.	Non-ionic/ anionic	Combination of polyglycolic and antistatic ester
STANTEX® E 5024 PET	Spin finish indicated for the production of PES Staple fiber and PET multifilament. Its formulation allows an excellent cohesion of the fibers in the production of wool fiber fill type, PES Staple fiber for non-wovens and multifilament for ropes.	Non-ionic/ anionic	Combination of polyglycolic and antistatic ester
STANTEX® S 5025	Spin finish indicated for the production of polypropylene BCF and CF yarns.	Anionic	Association of fatty acid polyglycolic esters
STANTEX® E 7030	Suitable for production of PES STAPLE FIBER, its formulation allows fiber production fill type wool and also for production of PES STABLE FIBER for nonwovens. Also suitable for the production of polypropylene fiber cut.	Non-ionic/ anionic	Combination of polyglycolic and antistatic ester
STANTEX® S 3093	Spin finish for polypropylene BCF and CF yarn production. Neat application is recommended.	Anionic	Blend of esteres and addtives
STANTEX® S 3119	Spin finish for BCF polypropylene and flat filament. It gives medium to high yarn/yarn cohesion, and high protection against electrostatic charges. Thermally stable therefore leaves no deposits on the rollers and heating elements.	Non-ionic	Blend of fatty acid polyglycol esters
STANTEX® S 3181	Spin finish for BCF polypropylene and flat filament. It confers low to medium fiber/metal friction to polypropylene filaments, and at the same time medium to high yarn/yarn cohesion;	Anionic	Blend of fatty acid polyglycol esters

PRODUCT	FIELD OF APPLICATION	IONIC NATURE	CHEMICAL COMPOSITION
STANTEX® S 6196/6	Spin finish for polypropylene - BCF and flat filament. Thermally stable therefore leaves no deposits on the rollers and heating elements.	Non-ionic	Blend of fatty acid polyglycol esters
STANTEX® S 6196/8	It can be applied neat via dispensing systems. It can also be applied in aqueous solution via the transfer roll or metering pump applicator tip. The solution is prepared by adding the STANTEX 6196/8 on water, the solution must be protected by a biocide.	Non-ionic	Blend of fatty acid polyglycol esters
RESISTA® A BR	Microbiocide for preservation of spin finish emulsion.	Non-ionic	Blend of isothiazolinones and halogenated derivative
SEWING THREAD LUBRICANTS			
SPREITAN® SWT BR	Specially developed for lubrication and thermal protection of Polyester yarn for sewing lines.	Non-ionic	Silicone oil in combination microemulsion
STANTEX® UNF	Universal low splash coning and warping oil for synthetic filament yarns.	Non-ionic	Combination of hydrocarbons, antistatics, additives and emulsifiers
STANTEX® O 1008/A	Special concentrated lubricant for sewing threads, applied by lick roller or metering pumps.	Non-ionic	Mixture of synthetic polymers
STANTEX® O 3173	Special concentrate lubricant for sewing threads, applied neat by kiss roll systems.	Non-ionic	Blend of special silicones

SIZING

PRODUCT	FIELD OF APPLICATION	IONIC NATURE	CHEMICAL COMPOSITION
SIZING			
FILASINT® 3923	For sizing of warp of polyester filament (softly textured)	Anionic	Synthetic water soluble polymer
INEX® PE	For sizing of warp of polyester filament (softly textured)	Non-ionic	Synthetic polymer solution
INEX® R 100	It is recommended for sizing of warp with high density and difficult weaving composed of natural vegetable fibers such as cotton, linen and man-made fibers of artificial origin such as viscose, modal and lyocel. In articles that require a good finishing touch, INEX® R 100 prevents the tissue is damaged by sudden degumming processes.		Carboxymethyl starch
QUELLAX® BR 2	Sizing agent soluble in alkaline or enzymatic medium. It can be applied as a film reinforcer or as a single product in sizing recipes.	Anionic	Blend of starches and acetylated polymers
AFTERWAXING LUBRICANTS			
STANTEX® C 4180	Winding oil with anti-splashing action, specially developed for yarns that demand maximum lubrication, free of mineral oil and nonylphenol ethoxylate.	Non-ionic	Association of hydrocarbons with nonpolar and emulsifying additives, free of nonylphenol and/or ethoxylated octylphenol
SPREITAN® 2080	Winding oil with anti-splashing action, specially developed for yarns that demand maximum lubrication, free of mineral oil and nonylphenol ethoxylate.	Non-ionic	Combination of special synthetic esters, emulgators and antistatic agents and anti-splashing additive
AVIROL® 5470	Lubricant for sizing bath and post-waxing process. Provides soft feel, elasticity, and a greasy touch. It doesn't interfere in the viscosity. Enzyme compatible, biodegradable. It doesn't become rancid or decompose over time.	Non-ionic	Hydrogenated fatty compounds
AVIROL® WAX	Post waxing process and lubricating warps composed of natural or synthetic fibers.	Non-ionic	Association waxes
FILM ENHANCER			
DRASIL® TG	Booster additive used on the sizing of natural, artificial and synthetic fibers threads.	Anionic	Aqueous polyacrylate solution

PRETREATMENT

PRODUCT	FIELD OF APPLICATION	IONIC NATURE	CHEMICAL COMPOSITION
DETERGENTS AND EMULSIFIERS			
COTTOCLARIN® DBE	Desizing/cleaning/bleaching agent indicated for scouring and bleaching processes.	Anionic	Blend of tensoactives, bleaching agents and dispersion additives.
COTTOCLARIN® DSE	Compound of detergent/wetting, metal sequestrant and peroxide stabilizer properties developed for exhaustion processes.	Non-ionic	Synergistic combination of organic salts
COTTOCLARIN® COT	Wetting and detergent with low foaming. It is excellent cleaning power and dirt emulsion combined with alkaline resistance allows its use in several pretreatment processes.	Anionic	Synergistic blend of surfactants
COTTOCLARIN® EC LIQ	It is a concentrated detergent/humectant for pretreatment or dyeing continuous processes.	Anionic	Association of anionic and non-ionic surfactants
COTTOCLARIN® MGT NEW	High performance product indicated as detergent, emulsifier and humectant for all textile fibers.	Anionic	Blend of anionic surfactants.
COTTOCLARIN® WK	Humectant and detergent with low foam formation emulsifying action for exhaustion processes.	Anionic	Association of non-ionic and anionic surfactants
DEFINDOL D	Wetting agent suitable for sizing and enzymatic desizing, besides continuous pretreatment and dyeing processes.	Non-ionic	Blend of alkyl polyglycol ethers
FORYL® RM	Biodegradable surfactant indicated for scouring and bleaching of natural and synthetic fibers.	Non-ionic	Blend of ethoxylated fatty alcohols
FORYL® SW	Wetting agent for continuous pretreatment and dyeing processes.	Non-ionic	Association of non-ionic surfactants
FORYL® ADV	Effective scouring/wetting agent for nylon and PES fibers and fabrics. An easy-to-handle, water soluble liquid product, produces clean, oil-free goods ready for dyeing or printing. FORYL® ADV helps prevent discoloration during storage. FORYL® ADV also protects the nylon fabrics from yellowing during heatsetting.	Non-ionic	Association of anionic surfactants
FORYL® BLUE	Humectant for continuous pretreatment and dyeing processes. It also acts as a rewetting agent in the pretreatment of high density fabrics.	Anionic	Association of surfactants
FORYL® CPB BR	Combines the properties of detergent / wetting, sequestrant and peroxide stabilizer in just one product. It is indicated for Cold Pad Batch processes.	Anionic	Synergistic association of organic salts
FORYL® DLW BR	Detergent/wetting agent for continuous pretreatment or dyeing processes. With low foaming, it has a good wetting power, excellent dispersing and emulsifying power.	Anionic	Association of non-ionic and anionic surfactants
FORYL® FRW	For pretreatment of cellulosic fibers and their mixtures. It has detergent and wetting properties, with high starch removal power.	Amphoteric	Association of alkylpolyglycol ether and special additives
FORYL® GDA	Universal agent for the pre cleaning of heavily oiled and fatty based soiled material. FORYL® GDA is free of chlorinated hydrocarbons.	Non-ionic	Compound of especial solvent
FORYL® HP BR	Detergent and wetting agent specially developed for the pretreatment of medical and hygiene textile articles.	Anionic	Synergistic combination of surfactants
FORYL® NI/D	For pre cleaning processes. Shows good removing of oils and fatty substances. Can be used for all fibers.	Anionic	Association of non-ionic and anionic surfactants

PRODUCT	FIELD OF APPLICATION	IONIC NATURE	CHEMICAL COMPOSITION
FORYL® SOLV BR	Detergent that possesses the ideal balance of emulgator and solvent for an excellent removal of oils and grease of synthetic fibers and mixtures with cellulose.	Anionic	Blend of anionic and nonionic surfactants with biodegradable solvent
FORYL® UN BR	Detergent/wetting agent for cotton and synthetic fiber pretreatment processes.	Anionic	Association of anionic surfactants, free of nitrogen and ethoxylated nonylphenol.
FORYL® WE	Biodegradable surfactant indicated for scouring of synthetic and natural fibers.	Non-ionic	Association of ethoxylated fatty alcohols
FORYL® WE CONC	Biodegradable concentrated surfactant which is suitable for scouring of synthetic and natural fibers.	Non-ionic	Association of ethoxylated fatty alcohols
FORYL® WT3	Combines the properties of detergent/wetting, sequestrant and peroxide stabilizer in just one product. It is indicated for Pad Steam processes.	Non-ionic	Association of ethoxylated fatty alcohols

MERCERIZING AGENTS

FLORANIT® HP30	It is indicated as an auxiliary for the process of mercerization with low foaming and high wetting power.	Anionic	Sulphated fatty alcohols
FLORANIT® 4028	It is indicated as an auxiliary for mercerizing processes.	Anionic	Sulphated fatty alcohols
FLORANIT® CR	Wetting agent specially developed for mercerizing processes which provides an excellent contraction effect.	Anionic	Blend of acids and phosphoric ester
FLORANIT® DM 28	It is indicated as an auxiliary for mercerizing processes, provides flats denim effects.	Anionic	Sulphated fatty alcohols
FLORANIT® MC BR	Mercerizing agent, provides flats denim effects.	Anionic	Sulphated fatty alcohols

COMPLEXING AGENTS

SECURON® 0493 LIQUIDO	Metal ion sequestrant specially for iron.	Non-ionic	Organic acids sodium salts
SECURON® 280	Effective sequestrant for the complexation and dispersion of calcium, iron and magnesium ions.	Anionic	Blend of organic acids free of surfactants
SECURON® 300	Highly effective sequestrant that can be used in different textile processes. It exhibits excellent dispersion properties of iron and calcium, besides acting as protective colloid avoiding the precipitation of dyes during the dyeing process.		Blend of organic acids
SECURON® 540	High effective and versatile sequestrant for different pretreatment processes.	Anionic	Association of organic acids free of surfactants
SECURON® C BR	Phosphorus free sequestrant, specially developed for complexation of Fe ³⁺ , Ca ²⁺ and Mg ²⁺ ions. It does not interact with the metallic complexes of the dyes.	Anionic	Association of polymers and additives
SECURON® CBT	Highly effective sequestering agent for versatile applications in several pretreatment processes.		Association of organic acids free of surfactants
SECURON® CD	High effective sequestrant for versatile applications on different textiles. Complexes Ca ²⁺ and Mg ²⁺ ions. Can be used for mercerizing, dyeing, printing and post-washing processes.		Association of organic acid

PRODUCT	FIELD OF APPLICATION	IONIC NATURE	CHEMICAL COMPOSITION
SECURON® IND	Dispersing agent with sequestering power for dyeing with indigo and sulfur dyes.	Anionic	Association of organic acids with acrylic copolymer

NEUTRALIZERS AGENT FOR ALCALINE PROCESS

SECURON® PES-D	Acid to neutralize alkaline processes.		Mixture of dicarboxylic acids
SECURON® PH	Acid donor that provides neutralization for alkaline processes.		Mixture of dicarboxylic acids
SECURON® CID	Neutralizer agent for alkaline processes. It doesn't cause equipment corrosion. Provides bath stability after neutralization.		Mixture of dicarboxylic acids
SECURON® NZ	Acid that provides neutralization for alkaline processes replacing acetic acid in textile processing.		Mixture of dicarboxylic acids

STABILIZERS

STABILOL® VR NEW	Excellent peroxide stabilizer, free of silicate, indicated for continuous and discontinuous systems. Excellent complexing power of heavy metals and high resistance to electrolytes, which makes it possible to use it in baths with high concentration.		Synergistic mixture of complexing organic substances
STABILOL® ZM BR	Organic peroxide stabilizer with complexing action of Fe ³⁺ , Ca ²⁺ and Mg ²⁺ ions.		Synergistic mixture of complexing organic substances

DYEING

PRODUCT	FIELD OF APPLICATION	IONIC NATURE	CHEMICAL COMPOSITION
BREVIOL® 2000	It is applied in the dye bath of polyester and its blend with cellulosic fibers as a dyestuff/oligomer dispersant with retarder properties.	Anionic	Blend of anionic and nonionic surfactants with ethoxylated fatty acid
BREVIOL® ACM	Anti-creasing agent for natural and synthetic fibers.	Anionic	Blend of sulphated oil
BREVIOL® ADR BR	Alkali suitable for dyeing processes. Replaces the soda ash in a ratio that can reach 1:4 depending on the color.		Alkali in powder
BREVIOL® ATN LIQ	Dispersing agent for dyeing with disperse dyes.	Anionic	Condensate of naphthalene sulfonic acid
BREVIOL® BC	It is indicated as calcareous salts and sodium silicate dispersant agent. Proper for bleaching processes use with peroxides and alkaline scouring as well as washing agent for aftersoaping with reactive dyes. It has Magnesium, Calcium and Iron sequestrant action.		Association of organic acids with acrylic copolymer
BREVIOL® CB 300	It is indicated for the cleaning of continuous and discontinuous dyeing machines.	Cationic	Blend of synthetic polymers
BREVIOL® CMF	Anti-creasing agent with lubricating action for natural, artificial and synthetic fibers.	Anionic	Preparation of sulfonated vegetable oil
BREVIOL® DR	Calcareous salts and sodium silicate dispersant agent. Can be used for pretreatment and dyeing as well as washing agent for aftersoaping of reactive dyes. It has Magnesium, Calcium and Iron sequestrant action.	Anionic	Blend of organic acids with acrylic copolymer
BREVIOL® HTF	Levelling/dispersing agent with excellent lubricating action. Migration agent to correct faulty dyeing. Provides optimization of dyeing time.	Non-ionic	Combination of special polymers
BREVIOL® STM	Dispersing and levelling agent for PES and mixtures.	Non-ionic	Combination of special polymers
BREVIOL® IG	Dispersing agent with wetting properties which assist in the penetration of reactive dyes, also promote an excellent levelling.	Anionic	Aqueous solution of sulfonated alkane
BREVIOL® PES	Levelling agent for PES dyeing processes at high temperatures. Presents excellent dispersant properties for disperse dyes and oligomers.	Anionic	Association of ethoxylated tensoactives and surfactants
BREVIOL® RED	Liquid reducing agent indicated for the reductive cleaning after dyeing or printing on polyester and polyester/cotton.	Non-ionic	Organic reducing agent with additives
BREVIOL® RED CONC	High concentrated reducing agent for the reductive cleaning of PES and PES/CO dyeing or printing.	Non-ionic	Organic reducing agent with additives
BREVIOL® SD4	4-in-1 compound specially developed for the simultaneous pretreatment and dyeing of PES.	Non-ionic	Combination of special polymers
BREVIOL® VFN BR	Levelling agent which possee affinity for dyes with sulfo groups for wool and polyamide dyeing. It can also be used for the aftersoaping of dyed and printed fabrics.	Non-ionic	Blend of ethoxylated fatty compounds
OSIMOL® COS 80	It is indicated as a sanfor and finishing agent, that guarantees the desired residual shrinkage. As a dispersing agent it has a good levelling effect, ideal to predilute dyestuffs.	Anionic	Sulfonated vegetable oil
STABIFIX® 400 BR	Fixing agent for indigo, reactive and direct dyes.	Cationic	Cationic polymer
STABIFIX® 500	Indigo dyestuff fixing agent, due to their excellent fixative properties can be applied in reactive and direct dyestuffs as well.	Cationic	Cationic polymer
STABIFIX® K	Fixing agent for direct and reactive dyes.	Cationic	Synthetic resin
STABIPRINT® ELN BR	Anti-foaming and deaerating agent that promotes an increase of wetting in dyeing processes.	Anionic	Preparation of ethoxylated fatty alcohol, alkane and defoamers



ENZYMES

PRODUCT	FIELD OF APPLICATION	IONIC NATURE	CHEMICAL COMPOSITION
FORYLASE® A-HTA	Concentrated alpha amylase used for enzymatic desizing processes.		Alpha amylase concentrated
FORYLASE® A-NTL	Alpha amylase used for enzymatic desizing processes.		Alpha amylase
FORYLASE® C-PK CONC	Concentrated enzyme catalase which is indicated to remove the residual hydrogen peroxide in bleaching baths.		Catalase
FORYLASE® C-PK	Enzyme catalase which is indicated to remove the residual hydrogen peroxide in bleaching baths.		Catalase
FORYLASE® SW-A	Acid cellulase indicated for biofinishing on cellulosic fibers.		Cellulase enzyme
FORYLASE® SW-PD	Neutral cellulase suitable for biofinishing processes on cellulosic fibers. Promotes defibrillation surfaces provided top quality finish to articles.		Cellulase enzyme



SOFTENING

PRODUCT	FIELD OF APPLICATION	IONIC NATURE	CHEMICAL COMPOSITION
SILICONE EMULSIONS			
ADASIL® CON BR	Highly smooth concentrated silicone microemulsion suitable for premium quality finishes.	Non-ionic	Aminofunctional elastomeric silicone microemulsion.
ADASIL® HSE	High performance softener suitable for application by exhaustion, it combines properties of touch, volume and hydrophilicity.	slightly cationic	Blend of waxes, fatty compounds and hydrophilic silicone emulsion
ADASIL® MPC	Silicone microemulsion indicated as a special additive for high-quality finishing. If used in coating recipes, greatly improves the characteristics of the film, making them highly flexible and soft.	Non-ionic	Silicon microemulsion
ADASIL® NST	Special softener for high quality finishes.	Non-ionic	Silicone emulsion
ADASIL® PD	Hydrophilic softener, provides softness without interfering with hydrophilicity. Ideal for finishing terry towels materials.	Predominantly non-ionic	Hydrophilic silicone emulsion
ADASIL® PM	Special additive for high quality finishing.	Non-ionic	Aminofunctional elastomeric silicon microemulsion
ADASIL® TS	High-smooth softener for natural and synthetic fibers.	slightly cationic	Hydrophilic silicone emulsion.
NON-IONIC SOFTENERS			
BELFASIN® NIS	Softener that may be applied by exhaustion or padding. Suitable for foaming application.	Non-ionic	Association of fatty amides and silicone
BELSOFT® 200	Non-ionic softener for cellulosic fibers, synthetic and mixed fibers, applicable in all kind of equipment and processes.	Non-ionic	Fatty amide condensate
BELSOFT® 200 CONC	Concentrated softener. It is indicated as non-ionic softener for all cellulosic, synthetic and blends fibers, applicable in all types of equipment and processes.	Non-ionic	Fatty amide condensate
BELSOFT® 300 BR	Versatile softener for all cellulosic fibers and blends. It can be used in the pre-shrinking process in the sanforizer.	Non-ionic	Fatty acid amidation
BELSOFT® CM	Softener based on yellow coconut oil with sustainable appeal. Silicone-free and biodegradable.	Non-ionic	Condensate of fatty amides.
BELSOFT® NEU	Non-ionic softener based on high density polyethylene.	Non-ionic	Polyethylene emulsion
BELSOFT® PLM	Palm oil-based softener, produced with totally natural raw material. Silicone-free and biodegradable.	Non-ionic	Condensate of fatty amides.
BELSOFT® SIB	Non-ionic softener applied by exhaustion as well as by padding processes.	Non-ionic	Association of polyamides and silicone
CATIONIC SOFTENERS			
BELFASIN® K BR	Softener and friction reducer based on polyethylene that provides a soft, smooth and flexible feel.	Cationic	Polyethylene dispersion
BELFASIN® LPS	Lubricating softener for PES yarn coils.	Slightly cationic	Blend of waxes and fatty compounds
BELFASIN® 296 CONC	Concentrated cationic softener (100% active), indicated for exhaustion or padding processes.	Cationic	Fatty acid derivate
BELFASIN® LUB	Softener and lubricant for warp and knitting yarns with application by exhaustion.	Slightly cationic	Blend of waxes and fatty compounds
BELFASIN® RCA	Softener and smoothness agent, giving better feel and lubrication on Cotton dyed fibers and blends processing in weaving and in circular and straight machines.	Cationic	Fatty acid amidation
TRIANOL K4 BR	Universal softener suitable for all types of textile fibers	Cationic	Association of amino amides



FINISHING

PRODUCT	FIELD OF APPLICATION	IONIC NATURE	CHEMICAL COMPOSITION
ECOLOGICAL SOFTENERS			
ALSOFT ECO	Softener obtained from oils extracted from Amazon seeds, manufactured, therefore, with completely raw material. Free from silicone, biodegradable and presents performance similar to the best hydrophilic softeners.	Non-ionic	Fatty amide condensate
AQUASOFT® VEG	Softener obtained from vegetal oils, manufactured, therefore, with completely raw material. It is indicated for padding processes that require high water absorption finishing with a soft and bulky feel.	Amphoteric	Combination of amphoteric compounds
REPELLENT EFFECTS			
PULCRA TEC® BR	Product used for hydrophobic and semi-permanent finishing of cellulosic fabrics and blends with synthetic fibers. It can also be used as an extender for anti-stain finishing with fluorocarbon compounds.	Cationic	Blend of paraffins and waxes
PULCRA TEC® RW	Hydrophobic and semi-permanent finishing of cellulosic fabrics and blends with synthetic fibers, free of fluorocarbon and great washing fastness.	Slightly cationic	Polymer combination
PELLAN® FLEX	Non-ionic fluorocarbon, water and oil repellent. It can be used in combination with a wide variety of finishing products.	Non-ionic	Blend of perfluoro alkyl acrylic copolymer and resins.
PELLAN® HP 6	C6 Fluorocarbon indicated for synthetic and cotton impermeabilization against water and oil that resist to regular and dry washing.	Cationic	Acrylic alkyl perfluoro co-polymer
PELLAN® TR 6 A	C6 Fluorocarbon indicated for the waterproofing of synthetic and cotton fabrics, with water and oil repellency effects that resist to conventional and dry washing.	Cationic	Blend of perfluoro alkyl acrylic copolymer and resins
PELLAN® CLK	Crosslinking agent. Improves durability of oil and water repellent finishes.	Non-ionic	Aqueous dispersion of block isocyanate
PELLAN® XL-E BR	When combined with a fluorinated (fluorine) product, PELLAN® XL-E BR maintains good oil and water repellency even after several cycles (10 to 50) of washing the fibers without hardening.	Non-ionic	Aqueous dispersion: reagent isocyanate adducts block
PELLAN® XT	Crosslinking agent. Increases resistance to water washing and oil repellency.	Non-ionic	Aqueous dispersion of resins and crosslinkers
MEDICAL AND HYGIENE TEXTILE			
SETILON® KN BR	Softening and scrooping agent for cotton, silk, rayon, viscose and synthetic fibres. The main area of use is in cotton-wool production and the finishing of high quality cotton articles.	Non-ionic	Combination of fatty alcohols
FORYL® HP BR	Detergent and humectant specially developed for the pretreatment of medical and hygiene textile articles.	Anionic	Synergistic combination of surfactants
ANTIMICROBIAL			
SILVADUR™ 930 FLEX	Anti microbial finishing product which is a DOW patented technology. It is able to control odour derived from microbes and absorb selected odors to provide lasting freshness protection.	Slightly anionic	Polymer ionized with silver ions
NONAX® GRID-P	Antimicrobial finishing for textile articles. It is effective on natural and synthetic fibers.		Aqueous dispersion of zinc pyrithione
FOAMED FINISH			
SYNTERGENT® NSO	Foaming agent to be used on foaming application processes.	Anionic	Sulfated fatty alcohol modified
MOISTURE MANAGEMENT			
STABIFORM® MMR	Hydrophilizing agent that provides a smooth and malleable touch, provides a soil release finishing and reduces the electrostatic charge of synthetic fibers.	Non-ionic	Polyester copolymer
ADASIL® NST	Special softener for high quality finishes.	Non-ionic	Silicone emulsion



PRINTING

PRODUCT	FIELD OF APPLICATION	IONIC NATURE	CHEMICAL COMPOSITION
LAMEPRINT® KL 100	Cold water soluble, low viscosity CMC starch for the textile printing. It is suitable for application either alone or in combination with other common thickening agents and gives an increase of the colour yield on various substrates.	Anionic	Starch ether, preservative
LAMALGIN® G10 NC HW	Low viscosity alginate thickener, which is used for printing with reactive dyestuffs on cellulosic fibres and wool. Other possible application field are in disperse printing on synthetic fibres or as an antimigration agent in pad dyeing.	Anionic	Sodium alginate
STABIPRINT® CAM SHT	Combination of thickeners of low viscosity developed for dye printing, as well as for wool printing.	Anionic	Blend of polysaccharides, preservative
STABIPRINT® AK	Alkali suitable for pigment printing processes.		Blend of alkalis
STABIPRINT® ELN BR	Very high effective deaeration and wetting agent for the textile printing. It is used for all textile printing processes and all dyestuff classes.	Anionic	Preparation of ethoxylated fatty alcohol, alkane and defoamers
STABIPRINT® OR	Protecting agent for dyes sensitive to reduction, can be used in dyeing and printing processes.	Anionic	Nitro aryl derivative, sodium salt
PRINTOL S BR	Self emulsifying printing oil, is based on vegetable materials. The field of application extends to the complete range of textile printing processes.	Anionic	Blend of triglycerides and additives



RESINS

PRODUCT	FIELD OF APPLICATION	IONIC NATURE	CHEMICAL COMPOSITION
PULCRA® PU 104	Polyurethane dispersion with elastic and transparent film suitable for anti-pilling finishing applications.	Anionic	Polyester-based polyurethane dispersion
STABICRYL® F 132	Versatile resin, suitable for a wide variety of applications in textile finishing.	Anionic	Synthetic polymers in aqueous emulsion
STABICRYL® FD	Hard film resin indicated for applications where a full-bodied finishing is required.	Slightly anionic	Blend of acrylic resins and waxes
STABICRYL® MULT	Resin suitable for a wide variety of applications in textile finishing.	Slightly anionic	Blends of aliphatic polyurethanes and acrylic resins in aqueous emulsion
STABICRYL® ST 126	This polymer is indicated for a wide variety of applications in textile finishing.	Anionic	Blends of aliphatic polyurethanes and acrylic resins in aqueous emulsion
STABICRYL® TOP	Soft film resin suitable for a wide range of applications in textile finishing. It can be used as a printing binder to provide bright and intense colors with a low tendency to fade. When applied by padding, after printing process, it potentially increases the printing fastness and prevents the formation of pilling.	Anionic	Aqueous emulsion of acrylic copolymer
STABIFLEX® FP	Resin with excellent anti-pilling effect. It is indicated for a wide variety of applications in textile finishing.	Non-ionic	Non-ionic aliphatic polyurethane aqueous dispersion
STABIFLEX® PNI	High flexibility resin for special finishing. It can be applied by padding or coating. It promotes stability of knits.	Non-ionic	Acrylic copolymer in emulsion
STABIFLEX® ULTRAFIT	It is a polymer suitable for a variety of applications in textile finishing.	Anionic	Aliphatic polyurethanes in aqueous emulsion
STABIFORM® DSL 1	It is indicated for finishes where greater cohesion between the fiber is desired, can be used as a coating agent for foam application.	Anionic	Blend of ethylene vinyl acetate copolymers

DENIM

PRODUCT	FIELD OF APPLICATION	IONIC NATURE	CHEMICAL COMPOSITION
ADASIL® MPC	Silicone microemulsion indicated as a special additive for high-quality finishing. If used in coating recipes, greatly improves the characteristics of the film, making them highly flexible and soft.	Non-ionic	Silicon microemulsion
ALSOFT ECO	Softener obtained from oils extracted from Amazon seeds manufactured. Free from silicone, biodegradable and presents performance similar to the best hydrophilic softeners. It is indicated for padding processes that require high water absorption finishing with a soft and bulky feel.	Non-ionic	Fatty amide condensate
BELFASIN® 296 CONC	Concentrated cationic softener (100% active), indicated for exhaustion or padding processes.	Cationic	Fatty acid derivate
BELFASIN® RCA	Softener and smoothness agent, giving better feel and lubrication on cotton dyed fibers and blends processing in weaving and in circular and straight machines.	Cationic	Fatty acid amidation
BREVIOL® BC	Calcareous salts and sodium silicate dispersant agent. Proper for bleaching processes use with peroxides and alkaline scouring as well as washing agent for after soaping with reactive dyes. It has Magnesium, Calcium and Iron sequestrant action.		Association of organic acids with acrylic copolymer
BREVIOL® DNV	Polymer high technology developed to improve the fixation of the sulfur and indigo dye on the cellulosic fiber bottoming and topping processes. As a result one obtains more intense colors and higher contrast evidenced in the washing of denim.	Cationic	Preparation of aqueous polyamides and ethoxylated alcohols
BREVIOL® CPN	Fixing agent specially developed for dyeing processes with indigo and sulfur dyes. Its exclusive technology provides an excellent fixation power for dyes, in addition to allowing high efficiency during the production process, reducing unnecessary stops for cleaning machines.	Cationic	Aqueous preparation of polyamides and ethoxylated alcohols
COTTOCLARIN® MGT NEW	High performance product indicated as detergent, emulsifier and humectant for all textile fibers.	Anionic	Blend of anionic surfactants
FLORANIT® 4028	Mercerizing agent	Anionic	Sulphated fatty alcohols
FLORANIT® MC BR	Mercerizing agent, provides flats denim effects.	Anionic	Sulphated fatty alcohols
FORYL® 3020 J BR	Dispersing agent for desizing and stone wash processes with enzymes in the treatment of indigo.		Surfactants Nonionic mix
FORYL® SW	Wetting agent for continuous pretreatment and dyeing processes.	Non-ionic	Association of non-ionic surfactants
FORYLASE® A-HTA	Concentrated enzyme indicated for enzymatic desizing processes.		Alpha amylase concentrated
FORYLASE® SW-PD	Neutral cellulase suitable for biofinishing processes on cellulosic fibers. Promotes defibrillation surfaces provided top quality finish to articles.		Cellulase enzyme
SECURON® 280	Effective sequestrant for the complexation and dispersion of calcium, iron and magnesium ions.	Anionic	Blend of organic acids free of surfactants
SECURON® 540	High effective sequestrant and has versatile application on different pretreatment processes.		Association of organic acids free from surfactants
STABICRYL® F 132	Versatile resin, suitable for a wide variety of applications in textile finishing.	Anionic	Synthetic polymers in aqueous emulsion
STABICRYL® MULT	Resin suitable for a wide variety of applications in textile finishing.	Slightly anionic	Blends of aliphatic polyurethanes and acrylic resins in aqueous emulsion

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