



## GENERAL PRODUCT CATALOGUE FOR SCOURING, BLEACHING, DYEING AND TEXTILE FINISHING

### OUR BRANDS:

- DETERHUM
- DISIGUAL
- MATEXIL
- ORDITURA
- SOFTEN
- MICROSOFT
- MICROFRESH
- SEQÜEST<sup>®</sup>
- POLICRIL
- OPARIN
- ANTIESPUMANT
- CARRIER
- OXIRED
- FIXER
- ALKACID
- GENACID
- VISCOSIL
- LUBRIFIL
- ANATASA
- HAMBAR

Catalogue not closed. Please, do not find any suitable product for you, consult our technical department, since in this information appear in a generalized way and does not include products specifically created for some of our customers and those who have studied from the date of issuance.

Navarcles, January 2006.  
2nd revision March 2010



## DETERGENTS AND MOISTURIZERS

**DETERHUM AG:**

Anionic detergent for scoured state before dyeing.

**DETERHUM AL:**

Lubricant for dyeing with excellent power antibacado.

**DETERHUM AT:**

Anionic detergent universal high detergency power.

**DETERHUM C / DETERHUM CLT:**

Nonionic detergents with solvent, very specific for the simultaneous wash to the dye.

**DETERHUM CAR:**

Specific product to achieve the modification of the crystalline superficial structure of the fiber of polyester, producing a silk matting and tact. Special removing precipitates certain resins tissues.

**DETERHUM DTS:**

Detergent with high performance solvent for the dye application.

**DETERHUM DM:**

Wetting Detergent with solvent for the descrudado-whitening of the gauze of pharmaceutical COT.

**DETERHUM E-150:**

Nonionic detergent high power of dispersion.

**DETERHUM E-300:**

Wetting Detergent of high place to be able of wash.

**DETERHUM EDF:**

Specific product for the desizing of textiles, especially PES continuous filament, eliminating queues simultaneously polyester, acrylic and PVA.

**DETERHUM ES-3:**

Solvent detergent specially designed for the continuous washing in posttermosolado trains.

**DETERHUM F:**

Specific detergent for washing prints, especially used in laundering garments with by indigo for the power antiredeposition of the dye in the white areas.

**DETERHUM GAS:**

Humectant with solvent detergent for bleaching with hydrogen peroxide in alkaline medium of cotton goods for the pharmacopoeia.

**DETERHUM HE:**

Humectant agent for COT's whitening and his mixtures, with water become oxygenated in alkaline medium in system Pad - Bath or Pad-Steam, resistant to the NaOH up to 80 cc/l. of 48°Bé.

**DETERHUM HSM:**

Detergent - humectant agent for COT's whitening and his mixtures, with a great wetting power, deaerating, resistant to the NaOH up to 80 cc/l. of 48°Bé.

**DETERHUM JET:**

No foaming nonionic detergent, especially for JET.



**DETERHUM MS:**

Humectant agent - desaireante of high efficiency, resistant to the NaOH up to 80 cc/l. NaOH 48°Bé of high solubility.

**DETERHUM NAS:**

Humectant- detergent stable up to 20 ° Bé NaOH. Excellent power rewetting.

**DETERHUM OL:**

Uuniversal detergent - humectant agent of multiple applications.

**DETERHUM PC:**

Humectant agent - detergent for the simultaneous dye.

**DETERHUM PP:**

Universal detergent with a high detergency power.

**DETERHUM PS:**

High quality detergent for washing and fulling of the wool and mixtures thereof. The milling is achieved acting simultaneously as antifold.

**DETERHUM R:**

Humectants fast of great wetting power.

**DETERHUM REA:**

Specific detergent for washing after dyeing with reagents dyes.

**DETERHUM REP:**

Special detergent for washing genres in which there is great danger of landslide of the colors (novelty prints or genres).

**DETERHUM SXT:**

Solvent detergent specially designed for simultaneous washing dyeing. Very adapted for the dye of the hanks of acrylic and his mixtures with simultaneous wash.

**DETERHUM LC-6:**

Anionic detergent specially studied for the elimination of enzimage oils in microfibers PES and PA, highly biodegradable.

**DETERHUM 2194:**

Anionic detergent for use in processes of preparation and dyeing, which permits almost total removal of enzimage oils in synthetic fibers and highly biodegradable.

**DETERHUM TP:**

Detergent for washing prints for its high antiredeposition in unfixed dyes. Very suitable for washing postintura with reactive dyes.

**DETERHUM WS:**

Detergent with solvent of great application in primary washing of the genres of worsted wool, primary washing with TEGOSOL PS.

**DETERHUM FXR:**

Detergent, dispersant and lubricant for the dyeing of PES.

**DETERHUM CNE:**

Humectant detergent for the desizing of linings articles with low foaming power. Ecological.



## EQUALIZERS

**DISIGUAL A:**

Equalizer-dispersante for dye of colourings on cellulose and in the dye AN-CAT.

**DISIGUAL AC:**

Nonionic Equalizer for the dyeing of cellulosic fibers with vat dyes, direct and reactive.

**DISIGUAL ACL:**

Dispersant for the anionic-cationic dye.

**DISIGUAL B:**

Equalizer anionic dispersant for dyeing with acid dyes, of metal complex 1:1 and metal complex 2:1.

**DISIGUAL W:**

Equalizer amphoteric anionic dyes, especially acids for wool and PA.

**DISIGUAL OL:**

Dispersant-equalizing of disperse dyes on polyamide.

**DISIGUAL TL:**

Universal Equalizer (anion).

**DISIGUAL E-300:**

Nonionic dispersant-equalizer for polyester and other fibers.

**DISIGUAL CAW:**

Equalizer-dispersant for colorants on cellulosic fibers. Special for soapings colors reagents. Anionic procenato.

**DISIGUAL A-23:**

Nonionic. Dispersant-equalizer without foam.

**DISIGUAL LTF:**

Dispersant-equalizer for all types of fibers with high lubricating power.

**DISIGUAL ZO:**

Dispersant-equalizing anion for dyeing polyester and polyamide with very specific properties (see particular information of FERLON ZO).

**DISIGUAL RF:**

Anionic dispersant-equalizer for dyeing cellulosic, PES and PES-cellulose. Specially it allows the cotton dye intense tones without previous descrudado/scouring, without the danger of supersaturation effect tanning. Special for the dye of bobbin and Jigger. **HIGH PENETRATION.**

**DISIGUAL ES:**

Anionic equalizer for the dye of poliamida. Special to cover the barred produced by difference of affinity.

**DISIGUAL XR:**

Dispersant-equalizing anion for dyeing PES and PA, with very specific properties which allows elimination of the oligomers in the dye, elimination of the treatment reducer post-dye in the PES, etc... It does not produce foam.

**DISIGUAL SULF:**

Properties of the RF Esp but stable in alkali reducers medium (sulphurous and tubs).



**DISIGUAL IPE:**

Anionic equalizer to high temperature of dispersed colourings on fiber of polyester.

**DISIGUAL WD:**

Nonionic. Equalizer-dispersant for acid dyes on wool and polyamide.

**DISIGUAL RC:**

Anionic equalizer-dispersant for dye of bobbin crossed in fiber of polyester.

**DISIGUAL D:**

Very specific Equalizer for dyeing with direct dyes on cellulosic fiber.

**DISIGUAL D:**

Very specific Equalizer-dispersant for dyeing with direct dyes and vat dyes on cellulosic fiber.

**DISIGUAL HG:**

Dispersant-equalizer for anionic dyes especially recommended for dyeing for packaging (coil cross, autoclaves, etc ...). Biodegradable and low foaming. In many cases allows the desizing during dyeing in the continuous fiber PES.

**DISIGUAL PCS:**

Dispersant-equalizer for dyeing with disperse dyes that allows simultaneous the desizing-dye with high lubricating power to control the pleated one of the kind in the dye in rope. Excellent power emulsionante of the oils of ensimaje.

**DISIGUAL DA:**

Dispersant-equalizer for the dye of PES, especially for the cross bobbin or packaging gender. Allows to obtain highly crystalline residual baths, which corresponds to excellent ease of rinsing.

**DISIGUAL SEP:**

Dispersant-equalizer with high migratory power for PES's dye in system HT.

**DISIGUAL JET:**

Dispersant-equalizer and lubricant for dyeing PES and PES-COT specially studied for dyeing in JET, and with very low foaming.



## STABILIZERS AND BLEACHING LINE PRODUCTS

### **ORDITURA ANER:**

Exceptional quality ecological stabilizer for alkaline bleaching with peroxide, with white ultra high performance in all types of processes. Very low COD. Allows regularize the presence of metal ions (Fe) to improve the results you get. Excellent DP of cellulose resulting from the bleaching process.

### **ORDITURA B:**

Special anionic product for washing worsted woolen and mixtures, giving a soft touch, lubricated and with a score of brilliant hues.

### **ORDITURA CA:**

Detergent, humectant, stabilizer and lubricant for the bleaching of cellulosic fibers with oxygenated water in alkaline medium. It gives a very soft touch and flexible.

### **ORDITURA FC:**

Detergent, humectant and stabilizer for the bleaching of cellulosic fibers with oxygenated water in alkaline medium, with excellent power of iron chelation. It gives a very soft touch to the genera manipulated due to its lubricity power and antiwrinkle.

### **ORDITURA GL:**

Universal stabilizer for hydrogen peroxide in alkaline bleaching in all types of process.

### **ORDITURA JE:**

Stabilizer for hydrogen peroxide in alkaline medium with a Half-life value very high. Lets work with silicate presence without danger spots or inlays. Great dispersant hydrolysates during the process.

### **ORDITURA JX:**

Product for the oxidative desizing of starch present in the warps of the fabrics. Excellent wetting and detergent.

### **ORDITURA OEG:**

Humectant-detergent, stabilizer and lubricant for the alkaline bleaching with oxygenated water of last generation. Lets get high grades of white. Excellent biodegradability. Genres are obtained puffy and soft. Excellent power regulation decomposition of oxygenated water for achieve a low degradation of gender cellulosic while a high value of white. High ease of rinsing.

### **ORDITURA K:**

Stabilizer for hydrogen peroxide in alkaline medium in the process Pad-Bath, Pad-Roll and Pad-Steam.

### **ORDITURA PBN:**

Humectant, detergent and stabilizer of latest generation for bleaching with hydrogen peroxide in alkaline medium in processes and Pad-Pad-Steam Bath. Excellent power hydrolyzed dispersant material in the process.

### **ORDITURA PR:**

Humectant, detergent and stabilizer for the process of bleaching with hydrogen peroxide in an alkaline medium exhaustion system. Excellent biodegradability. Rewet great power, lubrication and dispersion of impurities present in the fabric in the rinse.

### **ORDITURA PS-15:**

Ecological stabilizer for alkaline bleaching with oxygenated water on cellulosic fibers in processes Pad-Steam Bath-Roll-with Half-life value of 250 m. Allows the presence combined with sodium silicate.

### **ORDITURA SIL:**

Stabilizer for all types of alkaline oxygenated water bleaching of higher power stabilizer. Bases of silicates.

### **ORDITURA SO:**

Stabilizer of the sodium clorito in the bleaching. Great environmental protection and of the devices of manipulation..

### **ORDITURA TD:**

Detergent, humectant, stabilizer and lubricant for scouring, bleaching and dyeing simultaneous depletion system with hydrogen peroxide and selected direct dyes, with great reproducibility of results. None desmetalizador effect of the dyes.





**ORDITURA VL:**

Humectant, detergent, stabilizer scouring-bleaching of cellulosic fibers with excellent lubricity power. High biodegradability and nontoxic, comply with the rules of the EEC, available 91/414, Regulation 2092/91.

**ORDITURA SG:**

Stabilizer for bleaching with oxygenated water in alkaline medium. It allows The combined use of silicate. Extremely high power of dispersion.

**ORDITURA BL:**

Detergent, wetting and stabilizing dispersant H<sub>2</sub>O<sub>2</sub> with great power, especially for application in bleaching of cotton gauze gluing the warp with the CMC.

**ORDITURA 2197:**

Stabilizing, detergent, wetting product and dispersant, special for the bleaching of the COT and PES-COT, in the systems Pad-Bath and Pad-Steam. High biodegradability.

**ORDITURA NLB:**

Humectant, detergent and stabilizer for bleaching, scouring hydrophilic gauze for hospital use.

**ORDITURA 219:**

Stabilizer, humectant and detergent for bleaching and PES-COT COT in the discontinuous processes.

**ORDITURA PAC:**

Stabilizer chlorite baths.

**ORDITURA TNX:**

Special product to remove oily and fatty substances from all types of textiles. **Does not contain ethoxilated or another compounds.**

## OXIDIZERS-REDUCERS

**OXIRED DK:**

Specific product with dispersing properties and the value of regeneration of polymerization (DP) of the cellulose fibers in the bleaching with hydrogen peroxide in alkaline medium. Great power to act on Fe in alkaline medium. Special handling scouring and manipulation of flax.

**OXIRED DO:**

Specific product for oxidative the desizing starches on alkaline bath. Gives excellent desizing effect with minimal attack on the cellulose. No foam.

**OXIRED LR Conc.**

Antireductor product for dyeing reactive dyes.

**OXIRED ZAR:**

Reducing agent for the subsequent washing liquid polyester dyeing, usable in the same dye bath at acidic pH.

**OXIRED BHS:**

Reducing agent for subsequent washing liquid polyester dyeing and bleaching agent for purification.



## SOFTENERS

**SOFTEN 14:**

Based cationic softener quaternary ammonium waxy touch of high concentration.

**SOFTEN 1412:**

Cationic softener, fatty acid condensate with polysiloxanes.

**SOFTEN 348 / SOFTEN 471:**

Cationic softeners mixture of fatty acid condensates and polysiloxanes for all kinds of fibers. No variation white or shades.

**SOFTEN 1610:**

Cationic softener mixture of fatty condensed polysiloxanes for PAN-PA mixtures for very silky touches.

**SOFTEN ALB:**

Condensate cationic softener for fatty acid acrylic, specially studied to soften during bleaching with sodium chlorite.

**SOFTEN AWS:**

Cationic softener with a very silky touch for all types of fibers. Mixture of fatty acid condensates.

**SOFTEN CP:**

Cationic softener, fatty condensed mixture of polysiloxanes, particularly studied for cotton and mixtures thereof. Fresh touch for casual clothing.

**SOFTEN CS:**

Universal cationic softener. Condensation product of fatty acids. Gives soft touch non-greasy.

**SOFTEN DMI:**

Cationic softener soft touch not greasy. Suitable for kinds of acrylic fiber hair loose silky touch.

**SOFTEN FY:**

Cationic softener, fatty acid condensate very greasy touch.

**SOFTEN GB:**

Nonionic softener for all types of fibers.

**SOFTEN HSM:**

High quality cationic softener and contained in solid for all kinds of fibers. No yellowing whites, giving a soapy feel and excellent coefficient of friction.

**SOFTEN FIL:**

Specific softener to improve the coefficient of friction of the sewing threads. Applicable bath exhaustion or "curronera" during "trascanado".

**SOFTEN 4KS:**

Universal nonionic softener, giving brightness, smoothness and soft touch non-greasy. Exhausted by its amphoteric behavior.

**SOFTEN K:**

Fatty acid condensate of cationic character, conferring a high antistatic power.

**SOFTEN LAW / SOFTEN L-15:**

Cationic softener for all fibers. In PAN offers silky and loose. In PES offers silky touch with a slip-compactor power of the threads. In COT soapy feel, smooth and loose. No yellowing whites.

**SOFTEN LM:**

Universal cationic softener soapy feel. Condensation of fatty acids.

**SOFTEN LOJ:**

Cationic softeners, obtained for condensation of touch characteristic. Very suitable for textile finishing in the dyeing of garments made.

**SOFTEN MOD:**

Mixture of cationic softeners for domestic softener obtaining high-quality tact and fluency.





**SOFTEN NIN:**

Nonionic softener. Cation behavior. No yellowing the whites or change the hue of the dye, giving a very nice touch and low friction coefficient.

**SOFTEN PO:**

Cationic softener with waxy feel. Fatty acid condensate.

**SOFTEN PPG:**

Softener with cold touch and flexible for pigment printing of woven fabrics of toallao for clothing.

**SOFTEN PS:**

Cationic softener latest generation special for PAN 100% and their mixtures. No yellowing the whites or change the hue of the dye. Gives a soft, non-greasy and loose. Low coefficient of friction. In textile finishing facilitates the stitch in the making.

**SOFTEN RAP:**

Cationic condensate mixture of fatty acids with polysiloxanes. Designed especially for finishing knitted fabrics of PES-COT and COT with threads of spinning OPEN-END.

**SOFTEN SG:**

Cationic softener, mixture of fatty acid condensates with cationic polysiloxanes. Special mixtures for wool PAN-PA and other fibers into threads for knitted fabrics.

**SOFTEN S:**

Softener based polysiloxane for pigment printing. Gives a touch flexible, soft, antitaking. Applied to the pigment printing paste confers an antiredeposition property on the rear cylinder in the case of rotating and not stuck in subsequent the frames in the case of flat machine.

**SOFTEN OS:**

Cationic softener universal for all types of fibers, especially acrylic, their mixtures and cotton that does not modify the colors. Condensation product of fatty acids react very balanced.

**SOFTEN W:**

High concentration of cationic softener for all kinds of fibers.

**SOFTEN XN:**

High performance cationic softener for all types of fibers, gives a silky and loose not greasy. No yellowing the whites or change the hue of the colors. Good antistatic power.

**SOFTEN Z:**

Cationic softener, quaternary ammonium base. Excellent touch soft, loose and with great blowing power. Special finish viscose fallen thus confers a certain power of recovery to wrinkled due to the silky feel and not greasy, allowing recovery of the fiber independence with one aspect of excellent tissue loss.

**SOFTEN 106:**

Specific softener applied to the warps in the rolled up warping to give antistatic effect.

**SOFTEN HIC:**

Product of ended for PA's sewing threads with application for corronera based on polisiloxanos and special waxes.

**SOFTEN BLA:**

Amphoteric Softener, for TOC, which provides a silky touch, and which does not yellow fabrics.

**MICROSOFT 749:**

Microdispersion silicone of cationic character which confers great touch, and resistance to wrinkling.

**MICROSOFT 546:**

Silicone microdispersion non ionic, high stability for application to foulard.

**MICROSOFT 736:**

Microdispersion aminofunctional silicone of cationic character that confers tact and resistance to the wrinkled, with optimum stability to the application, either by exhaustion Jet or by foulard.

**MICROSOFT Q-2:**

Cationic Softener, base polysiloxanes high quality dispersion. It can be applied on all types of exhaustion devices or foulard due to its excellent dispersion stability.

**MICROSOFT MFD:**

Hydrophilic cationic softening properties, base polysiloxanes high quality dispersion. It can be applied on all types of exhaustion devices or foulard due to its excellent stability dispersion.



## PRODUCTS FOR ACRYLIC

**MATEXIL PX:**

Cationic dyes retardant acrylic fibers with cationic dyes.

**MATEXIL RA / MATEXIL RGM:**

Migrator cationic dyeing of acrylic fibers with cationic dyes.

**MATEXIL CAP:**

Migrator for dyeing acrylic fibers with cationic dyes in combination with our MATEXIL GS.

**MATEXIL GS:**

Cationic migrator retardant acrylic fiber dyeing with cationic dyes in combination with the MATEXIL CAP.

**MATEXIL M:**

Specific equalizer for dyeing dyes M series.

**MATEXIL 2T:**

Anionic product specific for acrylic fiber redye by regenerating the anionic radicals fiber.

**MATEXIL CRIL:**

Cationic product for dyeing acrylic fibers with cationic dyes and the mixture of acrylic fibers with other work kinetics RETARDATION-MIGRATION.

**MATEXIL AC-80:**

Dispersant-equalizer with high migratory power for the dye of acrylic fibers of cationic character.

**MATEXIL JET:**

Product with a high moisturizing effect and deaerating, allowing removal of entrained air in pressure vessels.



## DISPERSANTS-SEQUESTRANTS

**SEQUEST® RT / RT SEQUEST® Conc / SEQUEST® N-30:**

Product phosphonated high scattering power, special operations of bleaching and laundering, both discontinuous and continuous.

**SEQUEST® 96N:**

Phosphonated product especially for dyeing power and dispersion-solubilization not demetallised dyes. Stable sodium hypochlorite.

**SEQUEST® AU:**

Phosphonated product for dyeing with a good solubilizing power.

**SEQUEST® FE:**

Specific product for controlling the strokes of iron existing in the tissue in the alkaline hydrogen peroxide bleaching.

**SEQUEST® 96:**

Phosphonated product of high solids content with good dispersing effect and control of alkaline earth ions.

**SEQUEST® 962:**

Product phosphonated with a power of dispersion.

**SEQUEST® 125:**

Phosphonated product of good power of dispersion for the washing operation.

**SEQUEST® SNL:**

Product phosphonate modified high power of dispersion for operations alkaline scouring and bleaching with hydrogen peroxide and washed in general.

The SNL SEQUEST®, due to their high deflocculant-dispersant power is particularly interesting in the formulation of household detergents, whether for textiles or for general cleaning (not stable to chlorine).

**SEQUEST® HG:**

Product phosphonated for dyeing without demetallized power.

**SEQUEST® MTB:**

Product phosphonated sodium hypochlorite stable with very low demetallized power and good dispersion power.

**SEQUEST® TEC:**

Product mixture phosphonated high power of dispersion for alkaline bleaching with oxygenated water.

**SEQUEST® RFE:**

Product phosphonated high power of dispersion, especially for alkaline bleaching with hydrogen peroxide and a good power control over the pieces of iron present in the cotton fiber.

**SEQUEST® C:**

Sequestering of calcium ions.

**SEQUEST® N / SEQUEST® L:**

Sequestrants for iron ions.

**SEQUEST® DC:**

Supplier of chlorine to dye removed.

**SEQUEST® LEJ:**

Phosphonated product modified stable to sodium hypochlorite employed in formulations with the presence of hypochlorite to improve the stability.

**SEQUEST® CIR:**

Product phosphonate modified stable to sodium hypochlorite with good control of the iron in employment. Recommended for domestic detergent formulations, both powdered and liquid form.



**SEQUEST<sup>®</sup> PER:**

Phosphonated modified product, especially for the stabilization of oxygenated water domestic or for formulations with presence of oxidants products.

**SEQUEST<sup>®</sup> A-46 / B-66:**

Products modified phosphonate stable sodium hypochlorite for formulations with high power of dispersion.

**SEQUEST<sup>®</sup> 45-F:**

Product phosphonated acid for formulations.

**SEQUEST<sup>®</sup> 60-F:**

Phosphonated product with a high degree of acidity, for formulations.

**SEQUEST<sup>®</sup> 450:**

Phosphonated product high-deflocculation power of dispersion for operations alkaline scouring-bleaching with hydrogen peroxide and for washing operations for pre or post dyeing.

**SEQUEST<sup>®</sup> SE:**

Phosphonated modified high solubilizing power, suitable for the continuous enzymatic desizing.

**SEQUEST<sup>®</sup> DEAT/4401:**

Phosphonated activator modified in the generation of atomic oxygen in the detergency of textiles with the highest regulatory power of the liberated oxygen, improving the power of wash, elimination of spots, brightness of the colors and less attack to the cellulose fibers.

**SEQUEST<sup>®</sup> BFC:**

Phosphonated modified especially designed for:

- Windscreen wiper
- Dishwasher-Brightener
- Lines of refrigeration.
- Etc ...

Eliminates encrusting effect that produces the steam matting and fouling by precipitation due to insolubility of the treatment baths.

**POLICRIL P-50**

Dispersant sequestrant, based on weight average molecular polyacrylate.

**POLICRIL 445**

Dispersant sequestrant, based on polyacrylate in acid form.

**POLICRIL P-25**

Dispersant, based on average molecular weight polyacrylate, optimal for the soaping process with reactive dyes.



## ENZYMES

**OPARIN TECNO:**

Enzyme Beta for the treatment of cellulose (cotton, viscose, etc ...) to achieve special finishes.

**OPARIN T-2:**

Special enzyme for desizing of the CMC present in the warp of the fabric.

**OPARIN CA:**

Starchy desizing in cold.

**OPARIN CL:**

Desizing starchy.

**OPARIN L:**

Enzymatic desizing.

**OPARIN HT:**

Enzyme for the desizing in system of temperature to 95-100°C. Adapted also for the desizing for Pad-Steam and desizing during the dye (special conditions of dye). Tails of starches.

**OPARIN HT Esp.:**

Alpha-amylase enzyme for desizing with starch base at high temperature (95-100 ° C) free of It exempts of tensioactivos not eliminable, for the treatment of the kinds that must comply with the procedure of the PHARMACOPUEIA.

**OPARIN L:**

Acda cellulase for anti-pilling processes

**OPARIN L PLUS:**

Acda cellulase for dyeing.

**OPARIN CLN:**

Neutral cellulase in powder, to processes of aging, such blue jeans.

**OPARIN ZE:**

Catalase, for the removal of peroxide.

**OPARIN CHC:**

Solubilized enzyme to remove the CMC and HEC of the warp yarns of the fabric.





## ANTIFOAMING

**ANTIESPUMANT TM:**

Antifoam universal based on silicone.

**ANTIESPUMANT IB:**

Antifoam without silicone.

**ANTIESPUMANT N:**

Antifoaming silicone-free lubricant.

## OTHER PRODUCTS

**CARRIER TM:**

Carrier for dyeing polyester fiber with modification of the crystalline structure.

**CARRIER PES:**

Carrier for printing of polyester with disperse dyes with development by high temperature vaporized.

**CARRIER LJB:**

Carrier for PES, dyeing with disperse dyes high performance power and equalizing.

**CARRIER BAX:**

Carrier for dyeing polyester in with high performance in intense dyeings.

**HAMBAR M-60 / M-70:**

Melamine formaldehyde resins without formaldehyde free.

**ALKACID CID / NEU:**

Products with acid pH buffer effect and very low DQO.

**ALKACID IRC:**

Products with acid pH buffer effect and very low DQO, especially for the final smoothing baths of padding and exhaustion.

**ALKACID AFP:**

Giver of alkalinity, especially for dyeing with reactive dyes allows maximum reproducibility.

**GENACID 574:**

Bearer of acid, for the dye of poliamida with anionic colourings.

**GENACID 454:**

Bearer of acid, for the dye of poliamida and wool with anionic colourings.



**CATALITZADOR NZ:**

Catalyst of finishing based on Zn salts.

**CATALITZADOR ECO:**

Catalyst for finishes with high ecological power.

**CATALITZADOR FDA:**

Catalyst for finishes based on phosphate.

**LUBRIFIL J-99:**

Lubricant and antistatic equalizing effect for dyeing, and great anti-wrinkle effect, especially for garment made.

**LUBRIFIL LTF:**

Lubricant and antistatic with wrinkle and equalizer effect that improves the coefficient of fiber-metal friction, on the basis of lecithin.

**FIXER FF-FF / D:**

High performance fixative for cellulosic fibers, and mixtures thereof. Maintains its properties to several washings at a temperature of 60 degrees.

**FIXER KN:**

Fixer for cellulose fibers, and mixtures thereof, that maintains its properties for various washes.

**FIXER C:**

Fixer for dyes on cellulose.

**ANATASA NOAL:**

Product algaecide, practically without foaming effect, especially for swimming pools.

**ANATASA CAT-CEL:**

Product for cationized of the cellulose in tramp finishing.

**ANATASA CR:**

Special product for profiling and superficiality in printing with disperse dye synthetic thickener or pigment, low presence of ammonia. It does not change the shades with their addition.

**ANATASA HR:**

Product "hipofílico" that improves the outliner, superficiality and iron effect for stamping pigment dyes. Does not change the hue. Increases the viscosity of the pastes. Anatasa 511: Product anionic special for the "esmerilado" chemical effect in the preparation of articles for finishing TECNÓ.

**ANATASA KD:**

Cracante for COT with low rest of adjustments "tensioactivos", special for absorbent cotton.

**EMULSIONANTE BAR:**

Product to give better effect in iron pigment printing pastes everything with little water or oil.

**ANTISTATIC PPE:**

Special for the "perchado" of fiber of polyester.



**ANTIOXIDANT B:**

Antioxidant reducer for sulfur dyes.

**ANTIESTATICO DA /ANTIESTATICO PA / PRODUCTO IC:**

Antistatic for synthetic fibers.

**INDESMALLABLE AN:**

Product antislip with highly efficient anionic character, compatible with the largest number of finished recipes and manipulating dyeing with anionic products.

**INDESMALLABLE H:**

Product antislip with cationic character.

**CONTROL AGUA AB:**

Special products for open cooling circuits.

**CONTROL AGUA AC:**

Special product for closed cooling circuits.

**VISCOSIL AP:**

Water-soluble glue used for "aprestado" and adhesive also.

**VISCOSIL AP. Conc.**

Solution based on polyvinyl alcohol for applying finishes.

**MICROFRESH -04**

Biocide for treatment and elimination of mites and other types of fungi in textiles.