

Textile Auxiliaries Product List



We represent the constant development of a project, established in 1992, which concerns manufacture and sale of chemical specialities for textile industry.

Since the beginning, Officina39 and its parent company Techna Italia have shown innovation and technology on customer service, maintaining the flexibility and initiative.

Transparency and sustainability are important to us. With this mind, our company has been committed to certify important standard criteria:

GOTS Version 5.0, ZDHC and GREENSCREEN® Safer Chemical Assessments.



techna italia
Prodotti chimici industriali

FFICINA39

CHEMISTRY PLUS CREATIVITY

Products List

ANTIFOAM S-L	Antifoaming/Defoaming agent
DETERPAL N-GR CONC.	Detergent and wetting agent
DETERPAL WT/LF	Detergent and wetting agent
DETERLENE W-ON	Detergent and wetting agent
DETERPAL LFM (NEW)	Detergent and wetting agent
PERMACAL SP	Levelling agent/Surface active preparation
SEQUESTRANTE 549	Sequestering agent/Anti-scaling compound
NOVOLUBE PAN	Anti-creasing agent/Finishing agent
PERMACOL SGL	Special agent to improve levelness
PERMACOL RK	Levelling and solubilising agent
PERMACOL OP/BD	Soaping agent/Washing preparation
NOVOFIX FF 25 (NEW)	Fixing agent
NOVOFIX CT/HYD (NEW)	Fixing agent
NOVOFIX WRI-S	Fixing agent/Wet rubbing improver
MICROFINISH BP/20	Lubricating Preparation/Silicone microemulsion
MACROFINISH MAW	Macroemulsion
NOAMIN WHI/Z	Softener for all fibers
NOAMIN OT/BASE OT CONC	Concentrated cationic softener
NOAMIN PE/N	Softener / Lubricant
MICROFINISH STCH	Macroemulsion-Elastomeric finishing
DETERPAL TIM	Multipurpose agent
BASE DETERPAL TSK ECO/DETERPAL TSK ECO	Surface active preparation/ Anti backstaining agent

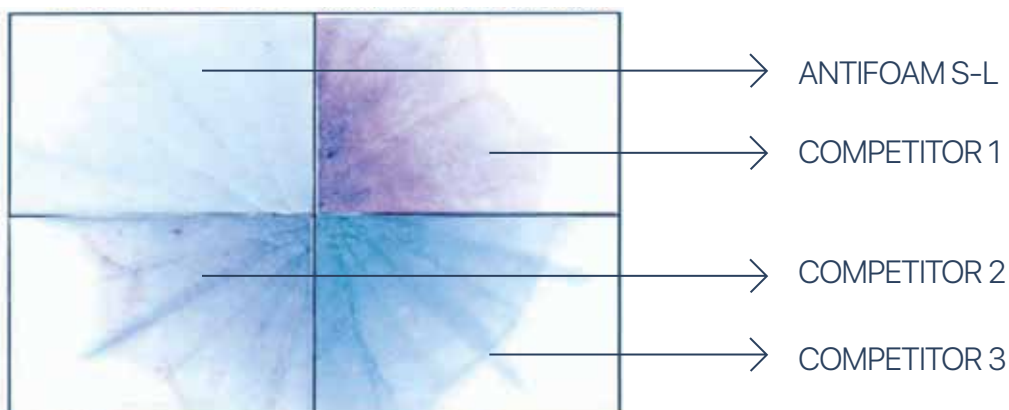
Antifoam S-L

ANTIFOAMING/DEFOAMING AGENT

Benefits



- **It is suitable for all kinds of textile processes**
(previous test always recommended)
- **It is suitable for water treatment processes**
- **It can be used for printing**
- **It can be used for coating**
- **It can be used in the pigment paste formulation**
- **Suitable for pretreatment**
- **Suitable for dyebath of reactive and disperse or other**
- **Suitable for finishing bath.**



Deterpal N-GR Conc.

DETERGENT AND WETTING AGENT

Non ionic, low foaming detergent/wetting agent for removing oil from Cotton, PES/CO, PES, PA, etc. It does not contain Silicone.

Benefits

- **Removal of oil stains by hot washing treatments**
- **Scouring and bleaching**
- **It may be used in all kinds of machinery, as it does not affect rubber**
- **Fabrics treated with DETERPAL N-GR CONC. offers good absorbency**
- **Generally appropriate for discontinuous processes high degreasing effect**
- **Good emulsifying properties**
- **Good soil suspending power**
- **Free of Formaldehyde**
- **Good emulsifying and detergency power**

Drop Test



↓
BEFORE SCOURING



↓
SCOURED WITH
CONVENTIONAL
DETERGENT



↓
SCOURED WITH
DETERPAL N-GR CONC.

Deterpal WT-LF

DETERGENT AND WETTING AGENT

Non ionic, low foaming detergent/wetting agent, especially recommended to remove impurities from Cotton and synthetic substrates and their blends, during exhaust and continuous processes.

Benefits

- **Detergent for removing oil from Cotton, PES/CO, PES, PA, etc.**
- **Removal of oil stains by hot washing treatments**
- **Scouring and bleaching**
- **It may be used in all kinds of machinery, as it does not affect rubber**
- **Fabrics treated with DETERPAL WT/LF offers good absorbency**
- **Appropriate for discontinuous processes**
- **It can be used also in continuous processes**
- **It exhibits good wetting and rewetting properties**
- **It has a good stability to agents causing hardness of water, alkalis and acids in the usual concentrations**
- **Low foaming properties**
- **Good emulsifying and detergency power.**

*Absorbency of
100% Cotton fabric
after bleaching*



WITH CONVENTIONAL
DETERGENT



WITH DETERPAL WT/LF

Deterlene W-ON

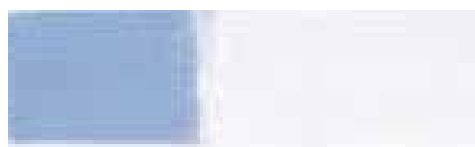
DETERGENT AND WETTING AGENT

Low foaming detergent and wetting agent especially indicated for scouring and bleaching in semi-continuous and continuous processes.

Benefits

- **It is suitable in particular for Cotton and its blends**
- **It is suitable for scouring and bleaching**
- **Bleaching by pad-batch with high concentrations of Caustic Soda is possible**
- **Bleaching by pad-steam processes**
- **Scouring by pad-steam processes**
- **It is low foaming product**

*Absorbency of
100% Cotton fabric
after bleaching*



WITH CONVENTIONAL
DETERGENT



WITH DETERLENE W-ON

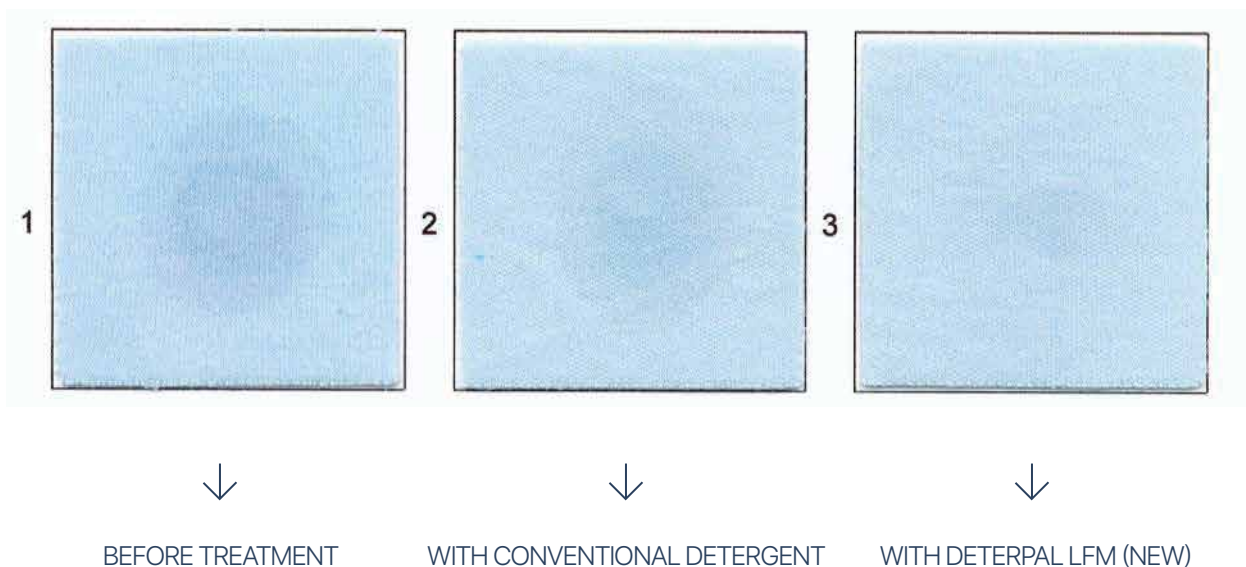
Deterpal LFM (New)

DETERGENT AND WETTING AGENT

Low foaming detergent/wetting agent with ecological non-volatile solvents for degreasing synthetic and cellulosic fibres.

Benefits

- **Removal of oil stains**
- **Alkaline degreasing of tights in cabinets and other kinds of machines**
- **Simultaneous Polyamide degreasing and dyeing**
- **Degreasing of Polyester, Polyamide/Lyc**
- **Degreasing of Cotton and its blends**
- **Good emulsifying and detergency power.**



Permacal SP

LEVELLING, DISPERSING AND SEQUESTERING AGENT/SURFACE ACTIVE PREPARATION

Special compound with levelling, dispersing and sequestering properties, appropriate for dyeing, soaping and bleaching of all kinds of fibres in general. It does not sequester metals contained in dyestuffs. It does not produce foams.

Benefits

- **Dyeing with reactive, vat and Sulphur dyestuffs**
- **It improves penetration, levelling (dyeing) and in most cases fastness in general**
- **Dyeing with direct dyestuffs**
- **Dyeing with disperse dyestuffs**
- **It improves dyestuffs dispersion level**
- **It reduces reproduction and precipitation problems during reactive dyeing due bad water quality**
- **Dye shade is not significantly influenced, thanks its levelling action**
- **It emulsions impurities avoiding problems with the background colours, bronzing, centre-selvage, etc.**
- **Soaping with reactive, vat dyestuffs, etc.**
- **Chemical and optical-chemical bleaching**
- **It improves Peroxide stability**
- **It improves reproducibility of discontinuous reactive dyeing of natural and regenerated cellulosic fibres and blends**



GOTS certified - ZDHC certified

Sequestrante 549

SEQUESTERING AGENT/ANTI-SCALING COMPOUND

Dispersing and sequestering agent, suitable for pretreatment, dyeing and washing off processes.

Benefits

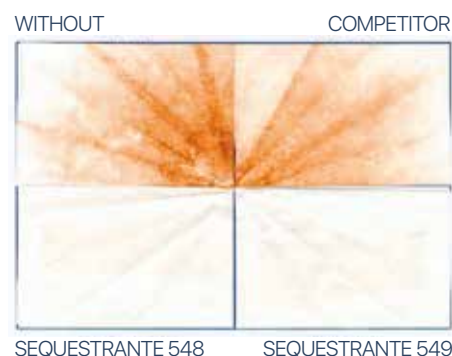
- It has sequestering properties
- Suitable for all kinds of textile goods (loose stock, yarn, woven, knitwear) made out of cellulose and blends
- It helps Calcium and Iron elimination, improving bleaching and dyeing processes
- Bleaching of cellulose and its blends
- It increases whiteness degree by exhaustion as well by continuous processes
- It has dispersing properties
- Scouring of Cotton and its blends
- It can be used during dyeing on vat, Sulphur and other dyestuffs that do not contain metals in their molecules
- It avoids agglomeration
- It helps the dispersion of Silicate and other soluble metals, improving touch and hydrophilicity
- It prevents corrosion and remove Oxide and Silicate deposits

Compared with Polyacrylates, SEQUESTRANTE 549 has:

*Stronger sequestering power towards hardness and heavy metal ions
Higher performances at high pH values*

Compared with Polyaminocarboxylates, SEQUESTRANTE 549 has:

*Less environmental impact, extracting heavy metals from soil and river beds, reintroducing them into superficial waters
Better stability to oxidizing agents
Better dispersing properties*



GOTS certified - ZDHC certified

Novolube PAN

ANTI-CREASING AGENT/FINISHING AGENT

Non foaming anti-creasing agent for preparation, dyeing and finishing processes for all fibre types.

Benefits

- **It reduces the fibre/fibre and fibre/metal friction coefficient**
- **It is especially recommended when working in difficult conditions, winch, jet, etc.**
- **Dyeing of napping articles, avoiding deformation of superficial aspect**
- **Dyeing of acrylic fibre articles decreasing crease formations during the cooling**
- **In washing, desizing and in all enzymatic treatments on jeans**
- **In the treatments of wool articles decreasing propensity to felting and avoiding crease formations during the fulling**
- **In pigmentary dyeing and printing allows to increase the superficial and optical yield of shades**
- **It avoids the formations of creases**
- **It improves the circulation properties of the fabric and it charges**
- **It does not have a negative influence in the stability of baths**
- **It is especially effective in difficult articles such as rayon, CO/PU, etc.**
- **It does not affect negatively the fastness of dyestuffs**
- **It is adequate in degreasing, washing and bleaching included in stripping**
- **It does not affect dye yields in dyeing**
- **It avoids formation of "moiré" in dyeing by dye cylinder**
- **It allows to increasing charge of machineries without quality damage**
- **In continuous dyeing of polyester/cellulosic blends, it avoids the formation of superficial white veil, know as "frosting" effect.**



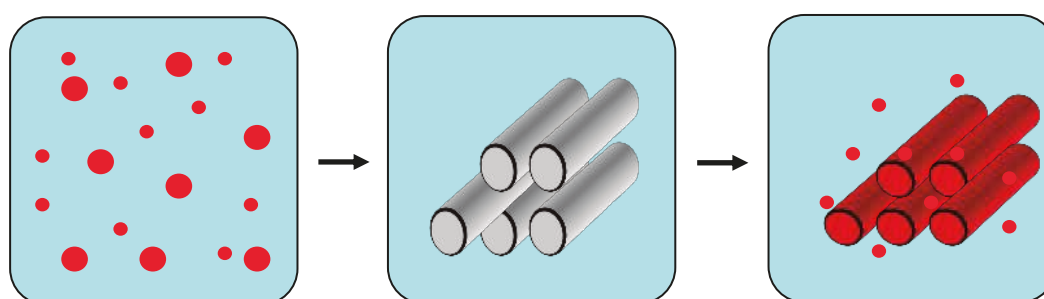
Permacol SGL

LEVELLING AGENT/SURFACE ACTIVE PREPARATION

Non foaming special compound to improve reproducibility and levelness of reactive dyeings

Benefits

- It has sequestering and dispersing properties
- It has colloid protective properties
- It improves the stability to the hard water in case of sensitive dyes
- It is suitable for application by exhaust, pad batch or continuous methods
- It acts as levelling, crease preventing agent
- It has buffering properties
- It has wetting and deaerating capacity
- It does not interfere significantly with color shade
- It improves the depth, levelness and fastness properties of the dyeing
- It is suitable for all reactive dyestuffs
- It is suitable for cellulosic fibers and their blends
- It reduces the usual amount of lubricant used (at least 50%)



DYE IN SOLUTION WITH PERMACOL SGL
AND ELECTROLYTE

FIBER

WELL PENETRATED



GOTS certified - ZDHC certified

Permacol RK

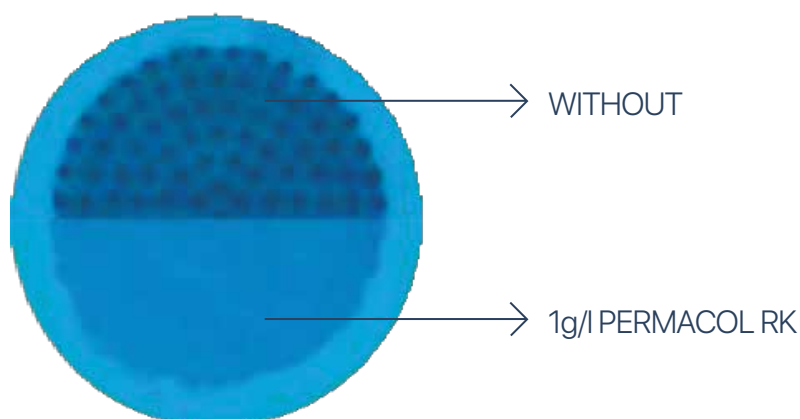
LEVELLING AGENT

Levelling agent for reactive, direct, vat and Sulphur dyestuffs on cellulosic fibre.

Benefits

- **Sequestering, solubilising and dispersing effect**
- **It solubilises and disperses impurities contained in the fibre**
- **It sequesters alkaline-earth metals contained in water and in electrolytes**
- **It sequesters Calcium and Magnesium ions in the dyebath, avoiding them to precipitate as carbonates or hydroxides**
- **Non foaming product**
- **It improves dyeing reproducibility**

Test dispersing properties in reactive dyeing with C.I. reactive blue 21



GOTS certified - ZDHC certified

Permacol OP/BD

SOAPING AGENT/WASHING PREPARATION

Non foaming soaping and sequestering agent in concentrated form, with dispersing and colloid protective properties.

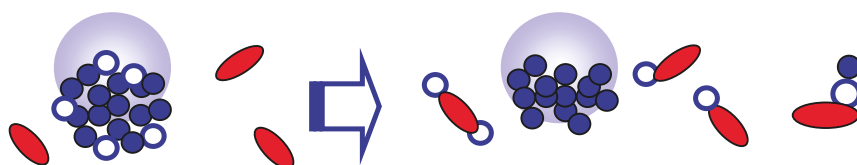
Benefits

- It improves the stability to hard water in case of sensitive dyes
- It prevents the precipitation of Calcium and Magnesium insoluble salts
- It acts as dispersing against insoluble substances
- It does not interfere with metal complex dyes
- It helps to remove the unfixed dyes (in particular the reactive dyes during soaping process)
- It is suitable for application in washing off dyeing and prints with reactive, vat, Sulphur dyes, improving rubbing and wet fastness properties
- It improves the depth, levelness and fastness properties of the dyeing
- It is suitable for application by exhaust, pad batch or continuous methods
- It can help to sequester the hardness-forming salts and insoluble substances, during scouring process



- 2g/l PERMACOL OP/BD
- 1g/l PERMACOL OP/BD
- 2g/l COMPETITOR'S PRODUCT
- NO SOAPING AGENT

Interactions into the soaping bath



GOTS certified - ZDHC certified

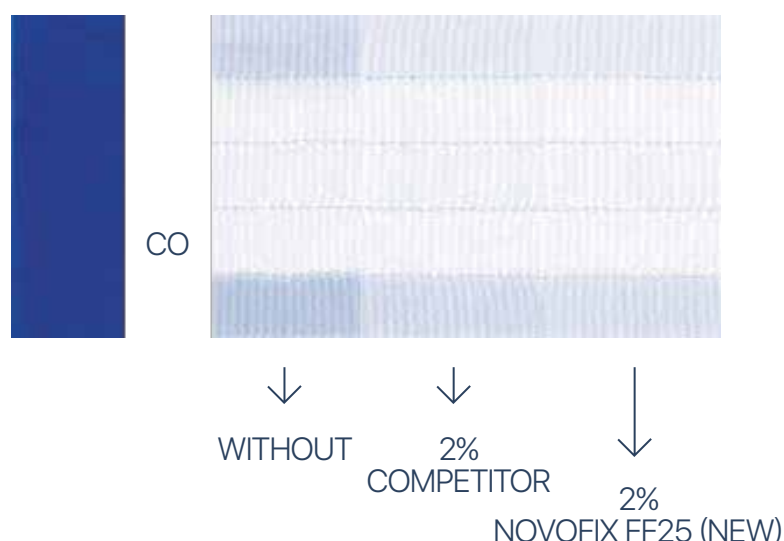
Novofix FF25

FIXING AGENT

Formaldehyde free fixing agent for direct, reactive and Sulphur dyestuffs.

Benefits

- For use in all articles where the use of Formaldehyde is not allowed
- by different legislations
- It increases fastness for direct and reactive dyestuffs
- It may be applied by exhaustion or foulard processes
- It can reduce the washing time, reducing water and energy consumption
- It can be used with NOVANTIC and NOVAWASH series



GOTS certified - ZDHC certified - Assessed by GREENSCREEN Safer Chemicals Profiler

Novofix CT/HYD New

FIXING AGENT

Formaldehyde free fixing agent for direct, reactive and Sulphur dyestuffs.

Benefits

- For use in all articles where the use of Formaldehyde is not allowed
- by different legislations.
- It increases fastness for direct and reactive dyestuffs.
- It may be applied by exhaustion or foulard processes.
- High stability in a wide range of pH making feasible to apply it by continuous
- processes after dyeing with reactive and Sulphur dyes.
- It does not affect the dyeing shades.



→ WITHOUT FIXING

→ COMPETITOR

→ NOVOFIX CT/HYD NEW



GOTS certified - ZDHC certified

Microfinish BP/20

LUBRICATING PREPARATION / SILICONE EMULSION

Silicone microemulsion based softener appropriate for exhaustion and continuous process. Appropriate on all types of fabric.

Benefits

- **It gives smooth and soft handfeel**
- **It improves sewing**
- **It improves the anti-wrinkle effect**
- **It can improve elasticity and touch**
- **It can be applied on all kinds of fibers, natural as well synthetic**
- **It has good stability**
- **It can be diluted easily with water**
- **It can be applied by exhaustion, by spray and padding**
- **It can be suitable to be applied in atomized/nano bubble system**
- **It can give slippery effect**
- **Good for sportswear**
- **Good for micro PES.**



Macrofinish MAW

MACROEMULSION

Macroemulsion of aminofunctional Silicone
for exhaustion and continuous processes.

Benefits

- **It is suitable on all kinds of natural and synthetic fibres.**
- **It can work in exhaustion and continuous processes.**
- **It gives soft touch and elastic hand.**
- **It improves the friction coefficient.**
- **It increases sewing facility.**
- **It is suitable to be added in recipes for wrinkleproof and unshrinkable finishings on PES, CO and its blends.**
- **It is low yellowing on fabrics.**

Noamin WHI/Z

SOFTENER FOR ALL FIBRES

Ready to use, universal softener especially recommended to treat bleached articles.

Benefits

- **Soft, full handle**
- **Manufacturing of viscous liquid softeners**
- **Softening of CO, PES/CO, CO/PAN**
- **Very appropriate for whites**
- **Very appropriate for towelling as it maintains hydrophilicity**
- **Mixtures can be made with aminosilicones to improve touch principally with MICROFINISH W, maintaining white and hydrophilicity quality**
- **It is appropriate for exhaustion and continuous process**
- **It facilitates raising and brushing**
- **It has anti-static effect**
- **Very high exhaustion rate**
- **Product can be used even with long liquor ratio**
- **Minimal shade change on colored fabrics**
- **One-bath application possible**
- **Compatible with resins and catalysts used in "easy care" finishing**
- **It is suitable for yarn**
- **Non-ionic softener**
- **But good hand feeling**
- **It can be mixed with other softener**
- **It can be used as yarn lubricant**
- **Very good for sweater yarn**



GOTS certified - ZDHC certified

Noamin OT/Base OT Conc.

CONCENTRATED CATIONIC SOFTENER

Highly concentrated softener for natural and synthetic fibres.

Benefits

- **Suitable for softening of cellulosic and synthetic fibres**
- **It may be used on whites due to its low yellowing**
- **Low thermo-migration impact**
- **Suitable to be applied on denim articles**
- **It is suitable for pad and exhaust application**
- **Low-foaming product**
- **It imparts very soft handle**
- **Cationic softener**
- **It can be mixed with Silicone or other softener**
- **It does not change shade or slightly change**
- **Good hand feeling**



GOTS certified - ZDHC certified - Assessed by GREENSCREEN Safer Chemicals Profiler

Noamin PE/N (Special type softener)

SOFTENER/LUBRICANT

Softener/Lubricant based on non ionic Polyethylene emulsion.

Benefits

- **Additive for finishing to improve mechanical properties**
- **Good compatibility with finishing resins like glyoxalic, polyurethane, acrylic, etc.**
- **Improving the friction coefficient**
- **It can improve sewing conditions**
- **Smooth and dry touch**
- **It can be applied in combination of micro-Silicone, macro-Silicone or cationic softener**
- **Improving resilience**
- **It can be used as yarn lubricant**
- **It increases the brightness of color shade**
- **It can be used as yellow cutter**
- **It increases the whiteness of yarn after OBA application**
- **Good hand feeling**
- **Excellent sewability.**



Microfinish STCH

MACROEMULSION - ELASTOMERIC FINISHING

Resin and amino-functional Silicone emulsion compound to use on cellulosic and

Benefits

- **It imparts extraordinary elasticity, improving stretch properties**
- **Improving resilience**
- **Giving softness and elastomeric finishing combined with flexibility and elasticity**
- **If used in combination with finishing resins, it can improve tear resistance**
- **Good washing resistance**
- **It improves the friction coefficient**
- **It can improve sewability**
- **It helps crease recovery**
- **It can be used on knitting, as well Denim with Lycra**



Deterpal TIM

MULTIPURPOSE AGENT

DETERPAL TIM is a multipurpose polymer compound with Soil Release, Wetting&Wicking properties.

Benefits

- It is Formaldehyde free
- It does not contain biocides or pesticides, heavy metals
- It can work in wide pH range
- It can work with treated or hard water

Properties

SOIL RELEASE

- Superior soil release and stain resistant properties to a wide variety of stains
- including grease, oil and food additives on Polyester fabrics

WETTING & WICKING AGENT

- On Polyester and Cotton/Polyester fabrics, it gives the ability to wick moisture and perspiration away from the skin making them more comfortable and Cotton-like.

SOFTNESS

- Exceptionally soft, antistatic properties and slick hand feel
- Dye levelling & anti-creasing agent
- It prevents creased and promotes dye levelling on Polyester fabric



GOTS certified - ZDHC certified - Assessed by GREENSCREEN Safer Chemicals Profiler

Base Deterpal TSK Eco/ Deterpal TSK Eco

SURFACE ACTIVE PREPARATION / ANTI BACKSTAINING AGENT/WASHING AGENT

DETERPAL TSK ECO is a multipurpose polymer compound with Soil Release, Wetting&Wicking properties.

Benefits

- It is Formaldehyde free
- It does not contain biocides or pesticides, heavymetals
- It can work in wide pH range
- It can work with treated or hard water

Properties

SOIL RELEASE

- Superior soil release and stain resistant properties to a wide variety of stains including grease, oil and food additives on Polyester fabrics

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SOFTNESS

- Exceptionally soft, antistatic properties and slick hand feel
- Dye levelling & anti-creasing agent
- It prevents creased and promotes dye levelling on Polyester fabric



→ WITHOUT

→ WITH DETERPAL TSK ECO



GOTS certified - ZDHC certified - Assessed by GREENSCREEN Safer Chemicals Profiler

Novofil TN & TPE Series

LUBRICATING PREPARATION/FINISHING AGENT

Finishing agent and lubricant to reduce the metal/textile, textile/textile friction coefficient. It can be used also on fabric improving sewability. It avoids needle heating, thread breaking, and needle case.

Benefits

- **It decreases the metal/textile, textile/textile friction coefficient making it advisable for fabrics and threads**
- **It is especially advisable for avoiding needle case in knit-wear**
- **Applied on yarns for knit-wear, it substitutes the usual solid paraffins**
- **It can be applied by exhaustion or padding**
- **It does not yellow the optical brightener**
- **It is suitable for embroidery threads**

Good anti-static properties

Low dosing

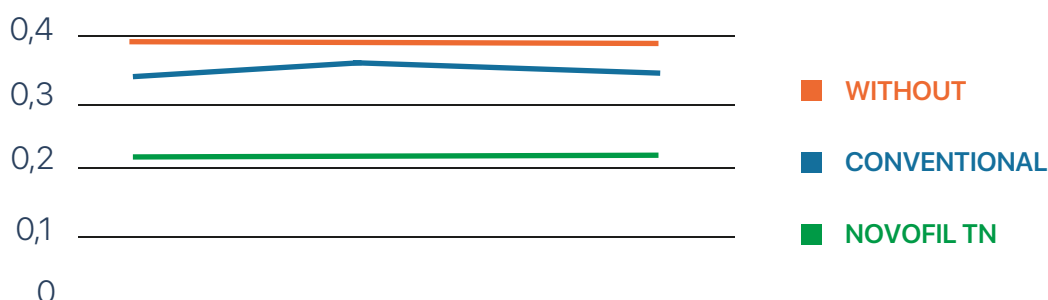
Good softness because of cationic character

Good hand feeling

Excellent sewability

Suitable for all kinds of yarn, eg: knit, woven, sweater

Lower friction values



Product BSS

SEQUESTERING AGENT/POLY CARBOXYLIC ACID

It is a special product suitable for protonic process. PRODUCT BSS with its versatile properties is distinguished by a very wide scope of application.

Benefits

- **It demineralizes Cotton**
- **It removes persistent pigments**
- **It replaces organic acids in the neutralization process after alkaline treatments**
- **Low foaming**
- **It is suitable for continuous and discontinuous processes**
- **It acts as a buffer, sequestrant and stabilizer in alkaline condition**
- **It enables the replacement of a Sodium Hypochlorite bleaching (AOX) by protonic treatment before the Peroxide bleaching**
- **It ionizes metal particles**
- **It avoids catalytic damage to the Cotton and destabilization of the Peroxide bath.**

Novacid PB

BUFFER

Buffer with dispersant properties for dyestuffs of Polyester and its blends.

Novacid KAC

BUFFER

Chemical auxiliary with pH buffering effects to be applied on processes such as dyeing, bleaching, mercerising, polyester dyeing and enzymatic treatments. No volatile neutralizing.

Benefits

- **Suitable to neutralize alkali residual.**
- **Due its no volatile properties, it can maintain its neutralizing performance, including after high temperature treatment.**
- **It can neutralize alkali residual also inside the fiber, giving uniform pH.**
- **It maintains pH between 5 and 5,5 during stone wash processes.**
- **It can be applied together with disperse dyes at 100 – 130°C maintaining its performance during all the process.**
- **It is a biodegradable product.**

Perox FAG

STABILIZER

Organic stabilizer for bleach baths with Peroxide, basically in discontinuous systems.

Benefits

- It may be used in all kinds of machinery, as jet, jigger, etc.
- It can work at low temperatures
- Suitable for H.T. conditions
- During bleaching with Sodium Silicate it increases the efficiency and aids its disposition
- Since it has a sequestering action on metallic molecules, there is no loss of whiteness when metals are present in the bath

Oxitase KP

ENZYME/PEROXIDE KILLER

Catalase for eliminating the remains of Peroxide after bleaching.



Benefits

- Elimination of H_2O_2 after bleaching, essential if afterwards dyeing, is to
- be done with reactive dyestuffs or dyestuffs that are Peroxide sensitive
- It offers ecological advantages as opposed to chemical products that neutralise H_2O_2
- It does not affect dyestuffs when being used in the dye bath
- Very high speed H_2O_2 neutralisation
- Stable enough in alkaline medium

Detersolv CA

SOAPING AGENT/WASHING PREPARATION

High effective concentrated soaping agent with dispersing properties for later treatment of dyeing and printing.

Benefits

- **Reactive dyestuffs soaping in continuous and discontinuous process.**
- **Low foaming**
- **Applicable to reducing washing process after dyeing with dispersing dyestuffs**
- **Reducing water consumption**
- **It is especially indicated for later treatment of PES-Lycra articles, improving washing fastness with solvents.**
- **Its great dispersing and anti-backstaining power makes the product highly effective in later washing of vat and Sulphur dyestuffs dyeing.**
- **Suitable for later printing washings made with soluble dyestuffs**
- **It prevents the redeposition and re-exhaustion of unfixed and hydrolysed dyestuffs onto fibre.**



Reducer A-PES LF

REDUCING AGENT

Reducing agent for the elimination of disperse dyes not fixed on Polyester or Polyester/Cotton.

Benefits

- **Reduced washing of dyed PES or PES/CO to eliminate traces of disperse dyestuffs**

Dispersolo JET80 & JET 807

LEVELLING AGENT/LEVELLING & DISPERSING AGENT/CHEMICAL PREPARATION

Levelling / dispersing agent for Polyester and Polyamide dyeing with disperse dyestuffs. It also has detergent properties.

Benefits

- **Non foaming product that can be used in high turbulence jets**
Solvent for disperse dyestuffs at high temperature giving it good levelling and migrating strenght
Dispersing agent for dyeing at H.T.
It also has detergent properties, mainly between 100-130t°C, so it can be used for simultaneous dyeing and degreasing.

Novofix WRI-S

FIXING AGENT/WET RUBBING IMPROVER

It is a special fixing/finishing agent to increase rubbing fastness for all kinds of Cotton fabrics. It is suitable to improve rubbing fastness especially on dark shades dyed with Indigo, Sulphur, Reactive and Pigment.

Also it can be applied to improve rubbing fastness on printed fabrics.

Benefits

- **It can increase 1 to 2 points wet rubbing fastness**
- **It can be applied with other finishing products, but previous test is recommended.**

ZDHC certified - Assessed by GREENSCREEN Safer Chemicals Profiler

Noamin AZ New

SOFTENER

Softener for denim with a protective effect on the Indigo agents such as ozone and nitrogen oxides. Preventing yellowing and fading of fabrics dyed with Indigo.

Benefits

- **Good handfeel and soft touch**
- **It does not affect fastness properties and normally does not cause change of shades**
- **It can interfere with optical brightness**
- **It does not have the tendency to yellowing during drying step.**



GOTS certified - ZDHC certified - Assessed by GREENSCREEN Safer Chemicals Profiler

Noamin OT (Base OT Conc.)

CONCENTRATED CATIONIC SOFTENER

Aminofunctional Silicone macroemulsion to use on cellulosic and synthetic fibres in pad-stenter.

Benefits

- **Improving lubrication**
- **Giving softness and elastomeric finishing combined with flexibility and elasticity**
- **If used in combination with finishing resins, it can improve tear resistance**
- **Good washing resistance**
- **It improves the friction coefficient**
- **It can improve sewability**
- **It helps crease recovery**



Antistram CAT New 600/ Antistram CAT

SPECIAL FINISHING AGENT

Special agent to increase traction resistance. It can work als
as elastane fiber protector.

Benefits

- **Anti-pressing off:** it avoids the threads moving within fabrics which, due to its texture, density or thread characteristics, produces this tendency.
- **It increases traction resistance:** incorporating ANTISTRAM CAT to the finishing formula noticeably improves fabric resistance.
- **It can be used, as well, in synthetic thread spinning processes when cationic spinning oils are used, improving thread resistance and avoiding their latter movement within the fabric.**
- **Soil release finishing:** it may be added to this kind of finishing without harming its qualities.



GOTS certified - ZDHC certified

Novapret AP-V Plus

FINISHING AGENT

Compound to obtain stiff handle effect on fabrics.

Benefits

- **Paper touch finish giving rigid consistency in any fibre**
- **Appropriate for white and coloured articles**
- **Selvage Sizing**
- **Giving consistency on knitwear**



GOTS certified - ZDHC certified - Assessed by GREENSCREEN Safer Chemicals Profiler

Novafast BHT/M New

FINISHING AGENT & FIBER PROTECTOR/WASHING PREPARATION

Auxiliary for protection against Polyamide fabric yellowing caused by phenolic anti-oxidizing agents (BHT) during storage.

Benefits

- **Butylhydroxytoluene (BHT) based anti-oxidizing agents, used in manufacturing plastic film for packaging.**
- **It can cause yellowing in white or pastel shaded Polyamide.**
- **NOVAFast BHT/M NEW applied to Polyamide can avoid this phenomenon.**
- **It can be applied by exhaustion or continuous processes together with optical bleaching agents.**
- **It can be applied also on Cotton as protector; previous test is recommended.**



UNTREATED



TREATED WITH
NOVAFast BHT/M NEW

Other Products

NOVOFIL TN series	Lubricating preparation/Finishing agent
NOVOFIL TN	Lubricating preparation/Finishing agent
NOVOFIL TNB	Lubricating preparation/Finishing agent
NOVOFIL TNC	Lubricating preparation/Finishing agent
NOVOFIL TNC Liq.	Lubricating preparation/Finishing agent
PRODUCT BSS	Acidulant and buffer agent
NOVACID PB	Buffer
NOVACID KAC - PRODUCT KAC	Buffer/Polycarboxylic Acid
PEROX FAG	Stabilizer
OXITASE KP	Enzyme/Peroxide killer
DETERSOLV CA	Soaping agent/Washing preparation
REDUCER A-PES LF	Reducing agent
DISPERSOLO JET 80 / DISPERSOLO JET 807	Levelling agent for PES/Levelling & dispersing agent
NOVOFIX WRI-S	Fixing agent/Wet rubbing improver
NOAMIN LST/40	Elastomeric Finishing agent/ Lubricating preparation
NOAMIN AZ NEW	Softener/Finishing agent
ANTISTRAM CAT NEW 600/ANTISTRAM CAT	Special Finishing agent
NOVAPRET AP-V PLUS	Finishing agent
NOVAFAST BHT/M NEW	Finishing agent/Washing preparation

Other Products

NOVASPEC AN-EL NEW _____	Anti Slip/Finishing Agent
NOVAIND DARK _____	Vat Dyes, Indigo
NOVASPEC RES-AV _____	Softner For White Fabrics
NOVASPEC SOLV/CA _____	Fixing Agent
NOVASPEC BY-H _____	Softner
NOVASPEC ANTI- 03 _____	Anti Ozone softner
NOVASPEC S/TP _____	Softner
BASE NOVASPEC FIX FV _____	FIXING AGENT
NEBUWET V CONC _____	MORDANTING AGENT
NOVASOFT ANTI O _____	ANTI OZONE SOFTENER
NOVOSOFT B _____	SOFTENER
NOVOSOFT ESTN _____	ANTI OZONE SOFTENER
NOVOSOFT WZ _____	NON IONIC SOFTENER
NOVASPEC 120 OLD _____	SOFTENR - FLAKES
NOVASPEC H20 _____	SOFTENR - FLAKES
NOVASPEC AN-EL _____	ANTI-SLIPPING AGENT
NOVASPEC INT/C PLUS _____	FINISHING AGENT
NOVASPEC L TW L _____	FIXING AGENT
NOVASPEC METAL PROT _____	MORDANTING AGENT
NOVASPEC STP _____	NON IONIC SOFTENER
NOVASPEC WASH B _____	MORDANTING AGENT
NOVASPEC NEUTRAL PER NEW _____	SOFTENER



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Other Products

NOVASPEC ACT-SUL/N _____	Mordanting agent
NOVASPEC SAP-JT _____	Mordanting agent
NOVASPEC DES-200 _____	Stiffening/finishing agent
NOVASPEC V1-S/ELA _____	Non ionic softener
NOVASPEC H20FN _____	Cationic softner in flakes
MICROFINISH HY/B _____	Lubricant preparation/Silicone Softener
NOVOFIL TNC LIQ. _____	Lubricating preparation/Finishing agent
NOVOPOL SE 550 POWDER _____	Surface active preparation and antibackstaining agent
OXITASE KP200 _____	Enzyme/Peroxide killer
PERMACOL OP CONC. _____	Soaping agent/Washing preparation

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