### CROSANOL

**Crosanol PPTAPE**
Polypropylene tape lubricant, water soluble, high level of static control
Highly active blend of nonionic lubricants & antistatic agents, designed for the lubrication of polypropylene tapes which will be woven into carpet backing fabrics & sacks.

( liq. - N )
Polypropylene tape

**Croslube PP-WTB**
Lubricant for polypropylene tapes specifically used in manufacturing bags and packaging
Crosanol PP-WTB is designed to be applied in dilution for the lubrication of polypropylene tapes, which will be woven into bags and packaging.

( liq. - N )
Polypropylene

### CROSCOLOR

**Croscolor 199**
Cationic migrating agent for dyeing of acrylic fibres
A cationic migrating agent for acrylic fibres dyed with modified and conventional basic dyestuffs. It can be used as an ‘in bath’ migrating agent and for the correction of faulty dyeings.

( liq. - C )
Acrylic

**Croscolor 300**
Retarding agent for vat dyes
A special product designed as a retarding agent for vat dyeing, with good scouring properties.

( liq. - N )
Cellulosics & Cotton

**Croscolor ADM**
Multifunctional dye bath auxiliary, leveller for difficult reactive/direct shades, lubricates fabric.
A multifunctional dyeing auxiliary for use in reactive dyeing of cellulosics. Provides exceptional levelling properties particularly on difficult shades. Contains lubricants and will aid dye dispersion and fabric cleanliness

( liq. - A )
Cellulosics

**Croscolor ALE**
Levelling agent for anionic dyestuff
An efficient levelling agent for dyeing cellulosic fibres with anionic, vat, sulphur, direct and reactive dyes. Contains special emulsifiers and dispersing agents to remove unfixed dyes or pigments and maintain them in suspension in the bath

( liq. - N )
Cellulosic fibres

### CROSCARRIER

**CROSCARRIER NTC**
Carrier for the dyeing of polyester and its blends; very low odour & low toxic
Low odour, low toxic carrier suitable for dyeing polyester and its blends in atmospheric & pressure dyeing machines. Provides excellent levelness and exhaustion of dyes with no retention of carrier smell. Extremely suitable for Polyester/Wool blends.

( liq. - A )
Polyester, Polyester/Wool blends

**Croscolor ASHS**
High stability - temperature / pH - silicone antifoam
An universally applicable silicone based foam preventing and defoaming agent.

( liq. - N )
All fibres

**Croscolor BEX/2 NEW**
Silicone antifoam, suitable for all fibres and for direct addition to dyebath.
Silicone based antifoam. Allows direct use with dosing systems. Stabilised formulation, can be added directly to the dye bath.

( liq. - A )
All fibres

**Croscolor BG**
Oxidative desizing - bleaching agent
Based on standardised sodium persulfate used as oxidative desizing/bleaching agent.

( Powder )
Cellulosic
**Croscolor CF**
Cationic, formaldehyde based fixing agent for fastness improvement of direct dyes.
A cationic resin employed as substantive dye fixative which greatly improves the wash fastness properties of direct dyestuffs. It is stable to strong salt solutions and is compatible with cationic finishes.
( liq. - C )
Cellulosics

**Croscolor CFRN**
Chlorine fastness improver for cotton reactive dyeing & printing
The effect of Croscolor CFRN is based on the absorption of a substantive product by the fibre and the formation of a compound with the dyestuff - the result is the efficient improvement of dye fastness against the dulling effect of chlorine in the water.
( liq. - C )
Cellulosics

**Croscolor DAP**
Traditional dispersing agent for dyeing of polyester
Highly effective dispersing agent for disperse dyeings at both atmospheric and high temperatures up to 140°C. Gives a high colour yield.
( liq. - A )
Polyester & blends

**Croscolor DCM**
Reducing agent for sulphur dyeing
A reducing agent recommended when dyeing with sulphur dyestuffs.
( liq. )
Cellulosics

**Croscolor DH2**
Migrating and levelling agent for acid dyes on wool and polyamide
Migrating and levelling agent for wool and polyamide, particularly when dyeing with Pre-metalised dyestuffs. Can also be used for re-levelling, for reduction of depth of shade or for stripping before re-dyeing.
( liq. - C )
Wool & Polyamide

**Croscolor DNS**
Silicone and mineral oil free defoamer
Defoamer that can be used effectively to reduce or prevent foam during preparation, dyeing and finishing processes.
( liq. - N )
All fibres

**Croscolor DRA**
Liquid acid reduction clearing agent for polyester
A reducing agent for acid reduction clearing of disperse dyes on Polyester during the cooling cycle. Cost effective reduction clearing possible with reduced water usage, time, energy and chemicals with no requirement for addition of alkali. Does not increase the tendency of polyester to release oligomer, non foaming, does not produce unpleasant odour and no risk of spontaneous combustion and thus safe in the effluent discharge.
( liq. )
Polyester

**Croscolor DRT**
Formaldehyde free fixing agent for direct and reactive turquoise dyings and prints
A formaldehyde free fixing agent designed for improving the wet fastness properties of direct, reactive (turquoise shade) dyings and prints
( liq. )
Cellulosics & blends

**Croscolor FFR**
Superior formaldehyde free fixing agent for reactive dyes, effective up to 95°C wash.
Fixing agent for dyeings and printings with reactive dyes, which imparts excellent washing fastness properties.
( liq. - C )
Cellulosic fibres

**Croscolor FMP**
Formaldehyde free reactive dye fixing agent
Croscolor FMP is a totally formaldehyde free fixing agent designed for improving fastness to washing of reactive dyes on cellulosic fibres with a minimal effect on the light fastness and shade of the treated goods.
( liq. - C )
Cellulosics

**Croscolor G**
Biodegradable reducing agent for sulphur dyeing
Is a biodegradable reducing agent for use in dyeing with sulphur dyestuffs. It helps to avoid "pre-mature" oxidation of dyestuffs leading to bronzing effect and poor rubbing fastness properties.
( Powder )
Cellulosics

**Croscolor G-RE**
Biodegradable reducing agent for sulphur dyeing
Is a biodegradable reducing agent for use in dyeing with sulphur dyestuffs. It helps to avoid "pre-mature" oxidation of dyestuffs leading to bronzing effect and poor rubbing fastness properties.
( liq. - A )
All fibres

**Croscolor HY-WET**
Low foaming wetting agent and detergent for bleaching and dyeing
Fast wetting agent (cold and hot conditions), low-foam detergent for continuous and discontinuous bleaching and dyeing with all dyes. Stable in hard water and at high level of alkali and electrolytes.
( liq. - A )
Cellulosics & Blends

**Croscolor IW**
Superior concentrated dispersant, antiprecipitant and levelling agent
A dispersing agent concentrate, which prevents precipitation of mixed ionic adducts when present in a single bath such as in multicomponent dyeing of Acrylic/Wool, Acrylic/Polyamide, Acrylic/Polyester, Acrylic/Cotton and Polyester/Cationic dyeable Polyester etc. Croscolor IW also works extremely efficiently as levelling agent for the dyeing of wool and polyamide with 1:1 metal complex dyes.
( Pellets - N )
All fibres in blend
Croscolor IW LIQUID
Superior liquid dispersant, antiprecipitant and levelling agent
A dispersing agent, which prevents precipitation of mixed ionic adducts when present in a single bath such as in multicomponent dyeing of Acrylic/Wool, Acrylic/Polyamide, Acrylic/Polyester, Acrylic/Cotton and Polyester/Cationic dyeable Polyester etc. Croscolor IW also works extremely efficiently as levelling agent for the dyeing of wool and polyamide with 1:1 metal complex dyes.
( liq. - N )
All fibre blends

Croscolor JAL
Auxiliary for simultaneous soaking and oxidation in sulphur dyeing
Is an agent which can simultaneously soak off and oxidise sulphur dyeing. It gives very good rubbing and wet processing fastness.
( liq. - N )
Cellulosics

Croscolor JETBULK
Modified silicone antifoam for high shear related application.
Silicone based antifoam suitable for both atmospheric and and high temperature applications. Suitable for atmospheric dyeing : skein dyeing, winch and paddle machines. Especially suitable for dyeing at high temperature and pressure : on jet, beamroll and package, without any risk of silicone spotting.
( liq. - N )
All fibres

Croscolor LAM-A
Specialty dispersant for azoic dyebath.
A dispersing agent for Azoic dye bath that leads to streak free clean and full shades. It has excellent dye and particulate dispersing characteristics which makes it suitable for other applications such as Stone washing and general dyeing of textile substrate. Stable to usual dyebath additives and suitable for automatic dosing. Has excellent anti-deposition properties.
( liq. - A/N )
Cellulosics

Croscolor LEC NEW
Strong retarder for acrylic dyeing
Fibre substantive auxiliary with strong retarding properties for use with cationic dyestuffs on acrylic fibres.
( liq. - C )
Acrylic fibres

Croscolor LFW-SN
Low foaming wetting agent; helps sink fabric during loading
A low foaming wetting agent for use in a wide variety of batchwise and continuous preparation, dyeing and finishing operations. Stable to low pH’s (down to pH 2) and alkalis (up to 25 g/l caustic flake). Silicone free. Exceptionally useful for sinking fabric during machine loading.
( liq. - A )
All fibres

Croscolor LNP
Amphoteric leveller for use with neolan p dyes
Has been specifically developed as a levelling agent for the application of Neolan P dyes to wool. Gives controlled dye strike and level build up leading to excellent final shade.
( liq. Amph. )
Wool

Croscolor LRM-NEW
Non blocking migrating and retarding agent for basic dyeing of acrylic
Dyeing auxiliary with good affinity to fibres, combining ideal migrating and retarding properties when dyeing acrylic with cationic dyes. Modified formulation ensures very low odour.
( liq. - C )
Acrylic fibres

Croscolor LSP
Levelling/ anti-barriness agent for polyamide
Levelling agent designed for the dyeing of polyamide with acid dyestuffs below boiling temperature. Has the ability to help overcome physically induced differences within polyamide fibre (BARRINESS) by promoting levelling and uniformity during dyeing. Good built-in detegnacy further helps in keeping substrate clean.
( liq. - A )
Polyamide

Croscolor LWP
Amphoteric leveller for lanaset and metal complex dyes
Pseudo-amphoteric levelling agent specially designed for use with "Lanaset" dyes on wool and its blends. Also suitable for use with CROSCOLOR G-NR/G-MFB when dyeing wool/nylon blends. Provides a good levelling function across a whole range of 1:2 metal complex dyes.
( liq. - Amrho )
Wool & its blends

Croscolor MDS
Daeerating and wetting agent for all fibres and processes
Croscolor MDSA is a powerful general purpose deaerating and wetting agent with durable antifoaming properties, designed for use in all wet processing operations. It is effective both as an antifoam and a defoamer even in high turbulence machines.
( liq. - N )
All fibres

Croscolor M-DUP
Low foaming levelling/dispersing agent for polyester dyeing
Croscolor M-DUP is a special auxiliary which ensures optimum migration and levelling throughout the dye cycle at any temperature (low and high temperature range).
( liq. - A/N )
Polyester

Croscolor MF-AP
Multifunctional auxiliary with dispersing, levelling and anti precipitating functions
Powerful dispersing agent which is suitable for us an anti-precipitant, and levelling agent for 1:2 premetallised dyes.
( liq. - N )
Wool, Wool/Polyamide, Wool/Acrylic, Polyamide

Croscolor NAO
Dyeing aid and oligomers removal auxiliary
Dyeing auxiliary designed for the control of oligomers in the dyeing of polyester. It also helps to disperse the dyestuffs.
( liq. - N )
Polyester

Croscolor NJA
Hydrocarbon based antifoam, specially suited for high turbulence machinery, fully emulsifiable in water and free of spotting.
Is a highly active, silicone free antifoam based on a mixture of oils and low foaming emulsifiers. It is designed for use in a variety of textile wet processing applications.
( liq. - N )
All fibres
Croscolor NLD

Foam free dye bath lubricant, for cellulosics and synthetic, free rinsing, dyebath safe.

NLD in the dyebath help reduce F/F and F/M friction which in turn helps to eliminate fabric creasing during wet processing. The product is inherently foam-free in nature which makes it eminently suitable for all types of machines, including high turbulence jet dyeing machinery. It is suitable for use with most classes of dyes with no effect on dye yield.

( liq. - N/A )
All fibres

Croscolor NLSP

Anionic levelling agent for polyamide dyeing with acid and metal complex dyes

Croscolor N-LSP is a levelling agent for dyeing polyamide with acid and 1:2 metal complex dyes. Combining affinity for both fibre and dye, it promotes both migration and levelling and helps to overcome barriness. Its surface active nature further helps in its performance.

( liq. - A )
Polyamide & Blends (particularly with Wool)

Croscolor NRF

Fixing and reserving agent for acid dyes on polyamide.

A reserving agent for polyamide fibre in blend with wool. It can also be used as a fixing agent to improve the wet fastness of many acid dyes on polyamide and as an aid to prevent staining on unprinted areas in the washing off of printed goods.

( liq. - A )
Polyamide & Blends (particularly with Wool)

Croscolor OLL

Oxidizing agent

Oxidizing agent which aids in preventing the reduction of direct and reactive dyes during dyeing and printing of cellulosic fibres. Can also be used for oxidation of vat dyes.

( liq. - A )
Cellulosics

Croscolor OZ

Versatile suspending, scouring, oligomer scavenging agent

Solvent based with anionic and nonionic surfactants. One bath scouring and dyeing auxiliary for synthetic fibres. Low foaming and can be used in jet dyeing of polyester. Does not affect dyeing process, May also be used for oligomer removal, dispersing and reduction clearing.

( Emulsion - A )
All fibres

Croscolor PAF

Syntaxan and reserving agent for polyamide dyeing and printing

Dye fixing agent for wet fastness improvement of acid dyes on polyamide; also functions as a reserving agent for polyamide fibre in blends with cotton.

( liq. - N/A )
Polyamide / Cotton

Croscolor PCP

Buffering, dispersing, levelling agent with built-in lubrication properties for polyester dyeing

Formulated multi-functional auxiliary for use when dyeing polyester and its blends. Croscolor PCP offers exceptional complementary processing properties making it possible to dye polyester with a single auxiliary.

( liq. - N/A )
Polyester and its blends

Croscolor PES-D

Buffering, dispersing, levelling and lubricating agent for polyester dyeing

Unique formulation of a multifunctional auxiliary for use when dyeing polyester. It has exceptional all round properties which enables polyester dyeing to be carried out with a single auxiliary.

( liq. - N/A )
Polyester

Croscolor PFI

Aftertreatment agent for dyeing and printing of polyamide with acid dyes

An aftertreatment agent designed for improving the fastness to chlorinated water and to washing of acid dyes on polyamide dyeing and printing.

( liq. - A )
Polyamide

Croscolor PLD

Levelling and dispersing agent for disperse dyeing of polyester, ultra low foaming.

A levelling and dispersing agent specially formulated for use when dyeing polyester with disperse dyes.

( liq. - N/A )
Polyester

Croscolor PLEX

Dayebath safe universal sequestering agent.

Dyebath sequestrant giving excellent hard water and heavy metal sequestration; safe to use with metal containing dyes.

( liq. - A )
Cellulosics, Cotton blends, Polyester and Wool

Croscolor PLS

Auxiliar for correction of faulty polyester dyeing

Auxiliary that offers exceptional re-levelling properties when used for the correction of faulty or uneven polyester dyeing.

( liq. - N/A )
Polyester

Croscolor PMF

Wetfastness improver for pre-metalised acid dyes on wool.

After treatment agent to improve the wet fastness of premetalised dyes on wool. Allows selected dyes to satisfy “Superwash” wash fastness requirements.

( liq. - C )
Wool

Croscolor PRP

New generation reducing agent

Effective and proven reducing agent that can be used advantageously in place of hydrosulphite in a number of applications such as reduction clearing of disperse dyeings & prints, stripping of reductive dischargeable dyes and for machine cleaning.

( Powder )
Polyester and Polyester/Cotton blends

Croscolor PMT

Powerful wetting, de-aerating and anti-foam agent

Designed to be effective as a combined deaerating, wetting and anti-foam agent in preparation and dyeing operations. In many applications, the usual addition of an anti-foam and wetting agent can be replaced by Croscolor PMT, owing to its dual functionality.

( liq. - N )
All fibres

Croscolor PTS

Low foaming dispersant and leveller for polyester dyeing

A low foaming dispersing and levelling agent for polyester suitable for high tubulance machine. Provides excellent dye strike rate particularly under high temperature and rapid dyeing techniques.

( liq. - A/N )
Polyester

Index to textile auxiliaries
**Croscolor QEST**
Dye bath safe sequestrant
Dye bath safe sequestrant for general purpose use in dyeing. Has good sequestering power for hardness forming salts (Ca, Mg) and for heavy metal ions (Fe, Cu, Mn, Ni,) without any adverse effect on metal complex dyestuffs. Has exceptionally good dispersing properties and high resistance to alkaline hydrolysis. Has excellent scouring properties for soiled cotton, is ideal for simultaneous preparation/dyeing process and for greige cotton dyeing; can help in the levelling and reproducibility of dyeing.
( liq. - A )
Cellulosics, Cotton blends and Polyester

**Croscolor RW100**
 Powerful soaping-off agent for cotton reactive dyes; vastly reduces soaping time and staining
100% active anionic non-foaming washing off agent with excellent suspending and dispersing properties for reactive dyestuffs. Due to its chemical nature and cost effective formulation, it can be used at low levels for soaping off all classes of reactive.
(Powder - A )
Cellulosics, Cotton/Polyester

**Croscolor SANZ**
Dye substantive acid dye leveller for wool/polyamide and scavenger for loose dyes
A dye substantive levelling agent for wool and polyamides. Suitable for dyeing techniques such as variable dye polyamide and rapid dyeing. It is also an extremely efficient washing agent for polyamide prints.
(liq. - C )
Wool & Polyamide

**Croscolor SOL**
Very powerful soaping-off agent
Very powerful and economical soaping-off agent which keeps unfixed/hydrolysed reactive dyes in dispersion in bath. It makes it possible to shorten the number of rinses in the processing and at the same time increase the rubbing fastness.
( liq. - A )
Cellulosics fibres

**Croscolor SOP**
Very powerful soaping-off agent
Croscolor SOP is a very powerful / economical soaping-off agent which keeps unfixed/hydrolysed reactive dyes dispersed in solution and prevents redeposition on the Cellulose. It makes it possible to shorten the number of rinses in the processing and at the same time increase the rubbing fastness
(Powder - N )
Cellulosics fibres

**Croscolor SSA**
Multifunctional, multipurpose solvent based scouring and dyeing agent for all fibres
A versatile multifunctional scouring and dyeing agent with an application potential in almost every area of textile wet processing, for most fibres. Amongst its outstanding properties are anti-redeposition, oligomer scavenging ability, effective reduction clearing of disperse dyes, oil and dirt removal, dye levelling in cotton dyeing, dye dispersing in polyester and effective cleansing of dye machines. It is low foaming in nature, stable to high temperature and pressure and can be included in bleaching baths.
( Emulsion - A )
All Fibres

**Croscolor SOL**
Very powerful soaping-off agent
Very powerful and economical soaping-off agent which keeps unfixed/hydrolysed reactive dyes in dispersion in bath. It makes it possible to shorten the number of rinses in the processing and at the same time increase the rubbing fastness.
( liq. - A )
Cellulosics fibres

**Croscolor SOL**
Very powerful soaping-off agent
Very powerful and economical soaping-off agent which keeps unfixed/hydrolysed reactive dyes in dispersion in bath. It makes it possible to shorten the number of rinses in the processing and at the same time increase the rubbing fastness.
( liq. - A )
Cellulosics fibres

**Croscolor QEST**
Foam-free, multifunctional dispersing & sequestering agent for textile wet processing
Cost-effective, easy to use version of Croscolor USR. Is a special dispersing agent that works by removing and holding in suspension undesirable 'ions' during processing, aids metal ion sequestration in bleaching and dyeing and prevents re-deposition of unfixed/hydrolysed reactive dyes from cellulosics during soaping off.
( liq. - A )
Cellulosics & its blends

**Croscolor WBA**
Dye bath wool brightening agent
Acts as a brightening/bleaching agent and prevents the undesirable yellowing of wool caused by prolonged boiling during dyeing
(Powder )
Wool and its blends except with Acrylics

**Croscolor WPC**
Biodegradable wool protective colloid for dye bath application
Auxiliary that performs sacrificially to maintain fibre strength of wool when subjected to prolonged harsh treatment such as HT dyeing, bleaching etc. Advantages of use include better processing in carding and spinning, stronger material.
( liq. - A )
Wool

**Croscolor WRL**
Amphoteric levelling agent for reactive dyes on wool & polyamide
Levelling agent for the application of reactive dyes on wool and polyamide fibres; equally effective on metal complex and other high fastness acid dyes when applied to wool and polyamide, and disperse dyes to polyamide.
( liq. - Amph. )
Wool & Polyamide

**Croscolor WSDS**
Wool anti-felt aid and protective colloid for synthetics during wet processing
A versatile auxiliary for controlling wool felting and surface deterioration of synthetic fibre during wet treatment. Does not affect shade or yield when used in dyebath and offers wet surface lubrication to substrate.
( liq. - N )
Mainly Wool and its blends with synthetics
Dyelube NF

Novel polymeric dyebath lubricant, non-foaming, does not affect shade or yield.
A water soluble non-surface active, and therefore foam-free, dyebath lubricant.
No effect on dyeing yield and thus particularly suitable for 100% cotton and blends with PES. Stable to bleaching.
Anionic.
( liq. - A )
All fibers

**C R O S C O U R**

**Dyelube NF GOTS**

**CROSCOUR**

**Dyelube NF GOTS**

**CROSCOUR MNP**

Low foaming multipurpose non-ionic wetting aid and detergent, exceptional dispersant for dirt and oily contaminants
A wetter/detergent with dispersing properties designed for the removal of all types of fatty and oily contaminants as well as other dirt from greige material.
( liq. - N )
All Fibres

**CROSCOUR M-RE GOTS**

Multipurpose nonionic wetting agent
Nonionic wetting and detergent for the pretreatment of natural fibres and blends.
( liq. - N )
Natural fibres and blends

**CROSCOUR NL**

Powerful 'built-in' scouring and milling agent for woollen hosiery and other fibres; prevents cross-staining of intarsia
An 'all-in-one' detergent system based on well established scouring agent technology. Specially suited for scouring and milling of knitwear and cloth made of wool; has been designed to function without the need for addition of other chemicals during the scouring process;
( liq. - N )
Wool, cashmere, angora, cotton and their blends

**CROSCOUR ORG**

Very rapid low foam wetting agent suitable for various wet process application.
A rapid, low foam wetting agent which can be used in a wide range of applications including preparation (desizing, boiling off, bleaching) and dyeing.
( liq. - A )
Cellulosic fibres and their blends with synthetics

**CROSCOUR RDT**

Rapid wetting agent with high detergency and strong scouring properties for cotton
Blend of surfactants carefully chosen to give a product with rapid wetting properties, high detergency and cleaning power. These properties are combined with excellent chemical resistance.
Excellent rapid wetting agent for optimal Denim desizing.
( liq. - A/N )
Natural fibres, especially Cotton.

**FIBRES & BLENDS**

**Cellulosics, Polyester & Blends**

**CROSCOUR BFE GOTS**

Biodegradable scouring agent for removing residual hydrocarbon and silicone oils
Specially designed for scouring synthetics and their blends with elastane and natural fibres. Prevents deposition of silicone and oil on the machines as well as the redeposition of removed silicones onto the fabrics.
( liq. - N )
Synthetics & blends with elastane and natural fibres

**CROSCOUR G-SSK GOTS**

A high performance scouring agent for removal of mineral oils and other contaminants.
A highly effective scouring agent. It is particularly efficient in the scouring of woollen hosiery and woven fabric with fibre lubricant which contains mineral oil.
( liq. - N/A )
Wool

**CROSCOUR HPJS GOTS**

General purpose scouring and scour/dye auxiliary for cellulosic, polyester and blends; very low foaming properties
Scour/dye auxiliary that helps to eliminates most particulate dirt. Does not have inherent foaming problems when used in high shear machinery. CROSCOUR HP-JS has a high degree of biodegradability.
( liq. - weakly A )
Cellulosics, Polyester & Blends

**CROSCOUR HVT GOTS**

A powerful general purpose non-ionic detergent concentrate
Powerful general-purpose nonionic detergent. It is particularly suitable for woollen carpet yarn scouring where a mineral oil is present in the processing lubricant. Knitting and spinning oils are also removed easily from knitted wool and synthetic fabric.
( liq. - N )
Cotton & PES/CO knitted goods, synthetics & blends

**CROSCOUR NL**

Powerful 'built-in' scouring and milling agent for woollen hosiery and other fibres; prevents cross-staining of intarsia
An 'all-in-one' detergent system based on well established scouring agent technology. Specially suited for scouring and milling of knitwear and cloth made of wool; has been designed to function without the need for addition of other chemicals during the scouring process;
( liq. - N )
Wool, cashmere, angora, cotton and their blends

**CROSCOUR ORG**

Very rapid low foam wetting agent suitable for various wet process application.
A rapid, low foam wetting agent which can be used in a wide range of applications including preparation (desizing, boiling off, bleaching) and dyeing.
( liq. - A )
Cellulosic fibres and their blends with synthetics

**CROSCOUR RDT**

Rapid wetting agent with high detergency and strong scouring properties for cotton
Blend of surfactants carefully chosen to give a product with rapid wetting properties, high detergency and cleaning power. These properties are combined with excellent chemical resistance.
Excellent rapid wetting agent for optimal Denim desizing.
( liq. - A/N )
Natural fibres, especially Cotton.
Crosden SH30 DR

Powerful general purpose non ionic detergent

Fully biodegradable, non-ionic, scouring agent suitable for removing oil residues from woollen carpet yarn and knitting and spinning oils from fabric. The versatility of the product is such that both natural and synthetic fibres can be effectively scoured with Crosden SH30.

( liq. - N )
Cotton, synthetics & blends

Crosden URW

GOTS

Very rapid low foam wetting agent

Rapid, low foam wetting agent which can be used in a wide range of applications including preparation (desizing, boiling off, bleaching) and dying. It is particularly designed for treatment of cellulose fibres, and blends with synthetics. It is suitable for use in both discontinuous and continuous systems.

( liq. - A )
Cellulosic fibres and their blends with synthetics

Crosden WDGP

Biodegradable, low foam anionic scour/dye auxiliary for polyester and blends

An extremely low foaming scour dyeing agent for processing of Polyester and blends. It is APEO free and fully biodegradable and ideally suited for Jet and Overflow dyeing machines due to its low foaming nature. Does not contain any antifoam. Offers ideal detergency properties when used for scouring, scour/dyeing and bleaching purposes. Very effective on Cotton/ Elastane, Viscose / Elastane , Polyamide / Elastane, Polyester/Elastane and other difficult Elastane blends. Has excellent soil dispersing characteristics coupled with rapid wetting, making it suitable also for scour/dyeing of reactive and direct dyes on cotton. Stable to peroxide bleach bath additives.

( liq. - A )
Polyester and blends including cellulosics

Crosden WFSN

All-in-one scour/mill agent for wool, fully biodegradable.

Effective scouring and milling agent which benefits from the inclusion of a fully buffered system thus eliminating any risk of alkali damage to wool. Efficient emulsifier for spinning oils and fully biodegradable. The selection of additives in the formulation lead to a soft, appealing hand of the treated goods.

( liq. - A/N )
Wool and blends

Crosden CLI

GOTS

Product for discouraging denim dyed with indigo; especially suited for elastane containing blends

Crosden CLI permits the discoloration of Denim containing Elastane without adversely affecting the elastic properties. The use of it facilitates an easy to check means of discoloring garments which is reproducible; it also permits discoloring (greyish shade) of Black dyed Denim fabrics.

( Powder )
Denim with Elastane

Crosden ECO1

Formulated very efficient cellulase

A new stabilized and buffered formulation of cellulases and specific activators with a high level of anti-backstaining. It allows performing a chemical fading treatment with or without stones and maintains a very low level of redeposition.

( Powder - N )
Denim

Crosden EXC1

Buffered cellulase based preparation for the chemical fading of denim, with or without pumice stones

A novel chemical fading auxiliary that is effective in holding off the removed residual dyestuff when used together with Crosden POX/2 to offer and effective and easy to use system for Denim processing.

( Powder - N )
Denim

Crosden KMN

Liquid neutralising agent for potassium permanganate

Crosden KMN is a superior neutralising agent for potassium permanganate compared to traditional neutralising with metabisulphite, resulting in a much better白色的。The neutralising with Crosden KMN is more rapid (< 5 minutes). It's a stable liquid, is rapid and efficient and produces its best effect in acidic conditions at a temperature between 20 - 50°C.

( liq. - A )
Cellulosics & Denim

Crosden CLI

GOTS

Product for discouraging denim dyed with indigo; especially suited for elastane containing blends

Crosden CLI permits the discoloration of Denim containing Elastane without adversely affecting the elastic properties. The use of it facilitates an easy to check means of discoloring garments which is reproducible; it also permits discoloring (greyish shade) of Black dyed Denim fabrics.

( Powder )
Denim with Elastane

Crosden EXC1

Buffered cellulase based preparation for the chemical fading of denim, with or without pumice stones

A new stabilized and buffered formulation of cellulases and specific activators with a high level of anti-backstaining. It allows performing a chemical fading treatment with or without stones and maintains a very low level of redeposition.

( Powder - N )
Denim

Crosden PNE

GOTS

Denim processing auxiliary, desizes

lubricant and dispersant for denim processing conditions

Non-enzymatic desizing system for all types of denim processing. Provides rapid wetting and penetrating capabilities combined with excellent lubrication and antiredeposition properties required during denim preparation.

( liq. - A )
Cotton (Denim), cellulosics

Crosden POX-2

GOTS

Very low foaming anti-backstaining agent liquid for the enzymatic stone wash process of the denim

Auxiliary with high anti-backstaining power which maintains indigo in suspension into the bath during the different treatment of “stone wash” process. It has no adverse effect on the different enzymes used during treatment. It also possesses wetting/detergent characteristics.

( liq. - N )
Denim

Crosden PWA

Composite enzymatic formulation for denim desizing with special wetting/penetrating properties

Enzymatic desizing agent which has been fully formulated to be used for all types of denim preparation and desizing. Offers rapid size breakdown along with excellent wetting and penetrating properties. An internal lubricant ensures the removal of hard creases and aids in streak free storing.
The enzyme used is operating at a temperature comprised between 55 and 95°C.

( liq. - A )
Cotton (Denim), Cellulosics

Crosden SAT

Liquid acid cellulase for stone washing

It is a liquid acid cellulase designed to give less backstaining than traditional acid cellulases in Denim washing applications. It has a wide operating range and may be run from pH 4.5 to 6.5 and temperatures between 50 and 60°C.

( liq. - )
Cotton (Denim), Cellulosics

Crosden TEC HNOL OGY  AND S ERVIC
**CROS DUR IN**

**Crosdurin AOP**
Anti-oxidant for application to polyamide, helps maintain reproducibility
An effective anti-oxidant for application to Polyamide to minimize yellowing caused by pre and post heat setting treatments.

( liq. - N )
Polyamide

**Crosdurin CBWF**
Low formaldehyde - pre catalysed wrinkle free resin
- Confers wash and wear effect with good durability to washing (also to chlorine treatment)
- Permits highly durable permanent creases mechanically formed
- Highly improves the dyes fixing with minimum alteration of shades
- Improves indigo fixing
( liq. - N )
Cellulosics & blends

**Crosdurin EAR**
Self crosslinking, amino-functional, one-pack silicone elastomer
A one pack crosslinking amino-functional elastomer giving a very soft, elastic and permanent handle to the treated fabrics. It is a low cost product for different applications. It gives a particularly soft handle to acrylic, wool or other textile fibres such as cotton or polyester. It is permanent and resistant to washing operations. It improves mechanical resistance of fabrics.
( liq. - N )
Acrylic, Wool, Cotton, Polyester

**Crosdurin GRSP NEW**
Stitch lubricant, compatible with resin .
Stitch lubricant for application to Polyester and Polyester/Cotton blends which dramatically reduces needle damage on fabric in making up besides prolonging needle life; improves the tear strength normally affected by application of resin.
( Emulsion - N )
Natural & synthetic fabrics

**Crosdurin M-RLS**
Low viscosity stiffening agent
Stiffening agent designed for giving hard handle finish.
( liq. - N )
Cellulosics

**Crosdurin RF50**
Aminoplastic easy care treatment resin
Precatalysed reactant resin containing softener. Provides excellent dimensional stability and abrasion resistance. Based on cyclic aminoplast giving low free formaldehyde on fully cured goods.
( liq. - N )
Cellulosics, Cotton/Polyester

**Crosdurin SAR**
Stiffening agent
Free flowing, easy to handle emulsion that imparts a stiff handle to a wide variety of cellulosic and synthetic fabric.
( liq. )
Cellulosics & synthetic

**Crosdurin SR**
Soil release finish for polyester and blends; hyrophilic and antistatic.
An outstanding soil release finish with exceptional durability for woven or knitted polyester fabric. The moisture transportation property of the fabric is greatly improved which leads to a higher level of comfort. Static cling is significantly reduced, giving polyester fabric a more natural effect. Can be equally effective on fibre blends containing a higher proportion of Polyester
( liq. - N )
Woven or knitted polyester fabrics

**Crosdurin WAY**
Highly effective agent for preventing yellowing of polyamide during storage
Designed for preventing or reducing the phenolic yellowing of polyamide which occurs during the storage. It counteracts the formation of organic nitro compounds formed during storage in unfavorable conditions ( humidity, temperature...). It is particularly recommended for optically brightened fabrics and for fabrics dyed in pastel shades.
( liq. - A )
Polyamide

**CROS F I R E**

**Crosfire CP**
Flame Retardant for Cotton
Crosfire CP is an efficient flame retardant based on N-Hydroxymethyl-3-Acrylamide. Crosfire CP is an organic phosphate flame retardant which contains dual P and N fire-stopping elements. Crosfire CP could impart water and oil repellency with other additives. Under acid conditions, Crosfire CP has very low to no effect on dye light fastness, shade and color yield.
( liq. )
Cotton

**Crosfire CU**
Flame Retardant for Polyester
An efficient cyclic phosphate flame retardant which contains high phosphorus level with excellent water solubility. It can be applied in the fabric for inner vests used in buildings, curtains and cars as well as special workwear; particularly suitable for application on polyester, PES/CO blends and PU coating for imparting to a flame-stop effect to the fabric. It gives a long-lasting and wash durable effect with a wide range of application.
( liq. - A )
PES; PES/CO and PU

**CROS F I T**

**Crosfit 1PK**
One-pack super soft silicone elastomeric finish
One pack silicone finish suitable for application to both natural and synthetic knitted goods by padding and gentle exhaustion. Imparts excellent elastomeric properties and improves dimensional stability. The finish is permanent to repeated wash cycles and dry cleaning.
( liq. - C/N )
All fibres

**CROSFAST**

**Crosfast UVA**
Light-fastness improving agent for polyester fibre
Is used as light fastness improving agent for polyester, cation dying polyester (CDP) and polyester blended fabric.
( liq. - A )
Polyester & its blends
**CROSFIX**

**Crosfix K LIQ**
Alkali liquid buffer for reactive dyeing of celluloses

Blend of highly alkaline buffered solutions designed to be used as a replacement for soda ash in the reactive dyeing of cellulosic materials. With its optimum alkaline and buffering properties, it can be used at approximately one fifth to one tenth the normal levels of soda ash, depending on the dyestuffs used.

( liq. - A )
Cellulosic fibres

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**CROSGLUBE**

**Croslube 3000**
Emulsifiable hosiery yarn spinning lubricant with strong antistatic properties.

Emulsifiable fibre lubricant for wool and blends on the woollen system; excellent fibre control leading to better yield in carding and spinning; low yellowing and good scourability can be achieved with standard detergent scour. Maintains yarn strength by reduced fibre breakage; can prevent cross staining of coloured fibres within blend and easy to scour.

( liq. - A )
Wool and blends with synthetics

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**CROSGLUBE**

**Croslube 3X**
High cohesion, antistatic fibre lubricant

Water soluble lubricant for use on wool on the worsted and semi-worsted systems and for synthetic fibres on the woolen, worsted and semi-worsted systems. Excellent at controlling short & slippery fibres and for the processing of high chorinated soft lustre wool.

( liq. - N/A )
Wool, Wool/Synthetic blends & Synthetic

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**CROSGLUBE**

**Croslube DWS**
Water soluble, antistatic fibre lubricant for woolen system yarn spinning.

It is a highly antistatic, water soluble fibre lubricant designed for use on wool, wool/synthetic and cashmere blends on the woolen system. It is based on a blend of nonionic materials, and special materials which include cohesion and antistatic aids.

( liq. - N/A )
Wool

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**CROSGLUBE**

**Croslube G-CL**
Antistatic spinning lubricant for long fibre processing on the worsted system

Concentrated water soluble, highly antistatic lubricant for wool and its blends on the worsted system. Gives excellent combing and spinning results and suitable for chlorine/shrink-resist processes. High degree of biodegradability.

( liq. - N/A )
Wool & Wool/Synthetic blends

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**CROSGLUBE**

**Croslube HAL**
Water soluble, antistatic lubricant for synthetic fibres - particularly suitable as spinning oil for acrylic fibre

A water soluble, highly antistatic lubricant for mainly synthetic fibres on the semi-worsted systems. Imparts less scroopy handle than CROSGLUBE BD. Especially suitable for polypropylene, polyamide and polyacrylic - reduced fibre breakage achieved owing to excellent opening at card, leading to even drawing. Helps to reduce yarn hairiness. Can be used for needle punching of polypropylene.

( liq. - N/A )
Synthetic (mainly Polypropylene) or Synthetic/Wool blends

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**CROSGLUBE**

**Croslube HSM**
High performance worsted spinning lubricant for wool & synthetics.

Croslube HSM-WM is a sophistication spinning lubricant for use on 100% wool, 100% synthetic and wool / synthetic blends, being particularly effective at dust suppression on the latest high-speed drawing, spinning and twisting machinery. Easy to use and readily dilutable, has powerful antistatic properties, excellent spreadability and is free of mineral Oil. Can be removed by a simple water rinse and can be used on all wool, wool / synthetic fibre blends and 100% synthetic fibre blends; reduces the generation of dust and short fibres in the fastest machine systems, thus increasing yarn yields.

( liq. - N/A )
100% Wool and 100% Synthetic

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**CROSGLUBE**

**Croslube LAS SUPER**
Highly antistatic water soluble carpet yarn spinning lubricant

A water soluble lubricant for carpet yarn spinning on the woolen system. Suitable for dry and oil spinning. Excellent anticorrosion properties. Particularly useful in scour/dye situations. Can also be used on the semi-worsted system for wool and its blends.

( liq. - N/A )
Wool & Wool/Synthetic blends

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**CROSGLUBE**

**Croslube NPS22**
Knitting machine lubricant - particularly designed for the VOLKMANNS machinery -

High performance knitting machine lubricant that enables operation of machine at very high speeds without excessive heat generation and helps to prolong life of machinery.

( liq. - N )
Machine lubricant
**Croslube NYLC**
Water soluble antistatic carpet yarn lubricant for wet or dry spun system
Modern water-soluble lubricant, for carpet yarn spinning on the woolen sytem.
Built in atstat and cohesion aid provide significant improvements in carding and spinning compared with similar lubricants, with the benefit of also obtaining lower COD levels in effluent liquors.

( liq. - N/A )
Wool, Wool/Synthetic and 100% synthetic

**Croslube S22**
2nd generation knitting machine lubricant; helps prolong machine life and permits faster running
High performance knitting machine lubricant that enables operation of machine at very high speeds without excessive heat generation and helps to prolong life of machinery.

( liq. - N )
Machine lubricant

**Croslube TCA**
GOTS
Antistatic carding and combing oil for wool on worsted system
A high performance ester based carding/combinglebaricant for the worsted system. Provides very low fibre/metal friction to maximise fibre length and comb tear ratio. Runs cleanly through the machine system, with minimal grease/oil build up. Formulated to scour very easily.

( liq. - N )
- 100 % Wool

**Croslube WAN**
High cohesion antistatic wool hosiery lubricant, particularly of interest in angora processing
Highly antistatic, high cohesion lubricant for hosiery yarns. Particularly suited to blends containing angora. Readily scoured under neutral or mildly alkaline conditions.

( liq. - N/A )
Wool, Wool/Synthetic, Wool/Angora blends

**CROSMAT**

**Crosmat MF-ABPC**
GOTS
Powdered very low foaming activator for the enzymatic stone wash process
A versatile product, which can be used as the single auxiliary - in addition to enzymes - in the 3 steps of the stone wash process: Daisizing, Stone washing,Soaping-off.

( Powder - N/A )
Denim

**CROSSOFT**

**Crossoft 240 L**
GOTS
Unique anionic softener, excellent for polyester, no adverse effect on thrmomigration of disperse dyes; non yellowing, hydrophilic and fully biodegradable
Special anionic softener with exceptional thermal stability. It is totally non yellowing and is ideal for full whites. Particularly suitable for pad application to polyester and its blends, does not adversely affect thermomigration. Polyester can be heat set after softening and still have excellent fastness. The handle achieved is similar to cationics. It also imparts good hydrophilicity and antistaticity.

( liq. - A )
Cotton, Cotton blends, Polyester and other synthetic fibres

**Crossoft ACPK**
Concentrated cationic softener
It is a cationic concentrated softener based on fatty acid amide derivative. It imparts a soft handle to cellulosic and synthetic fibres and can be used by pad and exhaust application.

( liq. - C )
All fibres

**Crossoft AMFO-X**
General purpose non-yellowing amphoteric softener
An amphoteric softener for pad application to cotton, synthetics and blends. Non-yellowing to OBA's and highly resistant to severe stentering and drying conditions. Stable in resin and flame-proof baths (Proban). Gives a fully cationic-like handle with good hydrophilicity.

CROSSTOF AMFO-N : Non foaming version

( liq. - amphi )
Cellulosics, Cotton/Polyester, Polyester (All other fibres)

**Crossoft AOSF**
Non-yellowing softener and protective agent against ozone fading
Softener for Denim articles that protects indigo-dyed goods from ozone fading. It possesses a high rate of absorption and can be used for exhaust and padding process.

( liq. - C )
Denim

**Crossoft ASD**
All fibre, semi-durable cationic softener with lubricating ability
Softening agent for synthetic fibres, cotton, wool and wool/synthetic blends.
Provides antistatic and lubricating properties to the fibres and is semi-durable to washing especially acrylics and blends.

( liq. - C )
All fibres

**Crossoft BCA**
Cationic readily biodegradable softener for all fibre types; lubricates to aid sewing and mechanical finishing processes
Readilly biodegradable cationic softener.
Gives a soft bulky handle. Provides antistatic properties and good re-wetting characteristics.

( liq. - C )
All fibres

**Crossoft CLAS**
Combined softener and lubricant for wool tops in chlorine_hercosett process
Specially developed for application during the shrink-resist treatment of wool tops. The softener component produces a very soft bulky handle whilst the lubricant part aids subsequent mechanical processing.

( liq. - Amphi )
Chlorine Hercosett treated wool tops

**Crossoft CSORL**
Amino-silicone based versatile softener for exhaust and pad application; excellent raising lubricant.
An organic/silicone blend based super soft finish for exhaust or pad application to all fibre types. Gives excellent lubrication to help with sewing and brushing operations, particularly on synthetic blends. It is low yellowing and can be used for coloureds and whites.
The silky soft handle is ideal for denim jeans and jackets.

( liq. - C )
All fibres

**Crossoft EJH-N**
Stitch lubricant, low soiling on cotton/polyester blend
Polyethylene based softener. Gives excellent lubricity. Compatible with cationic fixing agent, electrolytes, resins and acid catalysts. Imparts a very soft handle and is low soiling.

( liq. - N/A )
Cellulosics, Cotton/Polyester

**EURODYNE - ctc**
Crosoft FSC
Cationic silicone softener with lubricating properties.
Amino silicone based supersoftener. The excellent lubricating characteristics result in highly controlled raising and brushing properties, giving even fibre lifting without matting.
( liq. - C )
All fibres

Crosoft GPAO
Anti-ozone cationic softener for the colour protection of denim material
An amino-amide anti-ozone softener in a ready-to-use liquid form. It is particularly suitable for repeated softening of blue Denims garments.
( liq. - C )
Denim

Crosoft HQS
Silicone hydrophilic softener for all fibres
Silicone hydrophilic softener that produces an excellent soft handle with good hydrophilicity to treated fabric. Low yellowing under usual drying conditions, can be used on a wide range of articles such as terry towel, sportswear in cellulosic fibres and blend with synthetics, nylon stockings etc. Imparts good antistatic properties when used on synthetic fibres and improves stitchability and elasticity of knitted wear goods. Stable to shearing conditions and can be used in high turbulence machines such as jet machines; No influence on light fastness and shia and can be applied by padding, exhaust as well as by common spraying methods (e.g WEKO);
( Emulsion - C )
All fibres

Crosoft HSD
Hydrophilic silicone based softener suitable for use on cellulosics, wool and synthetics
A hydrophilic silicone softener for use on cellulosic, wool and synthetics. Confers excellent, extremely soft and bulky handle combined with good hydrophilic properties to treated fabrics. Owing to its excellent resistance to yellowing, eminently suitable for use on white goods. On knitted goods, confers great elasticity besides excellent lubrication for sewability. Can be used on a wide range of articles such as terry towels, sportswears in cellulosic fibres and blends with synthetics.
( liq. - N )
Cellulosics, Wool, Synthetics and their blends

Crosoft HSS
A hydrophilic super softener
An advanced formulation of hydrophilic silicone oils and surfactants, suitable for use on cellulosics and synthetic fibres, leading to a high bulk softening effect whilst maintaining the hydrophilic nature of the substrate.
( liq. - N )
Cellulosics & Synthetic

Crosoft JSP
Shear stable cationic silicone softener
Specifically designed to withstand high shear forces and to impart a high level of softness. The low foaming characteristics make this product ideal for application by jet machines. Particularly suitable for silk but can be used on all natural and synthetic fibres.
( liq. - C )
All fibres, especially silk.

Crosoft LIS
Universal amino-functional silicone micro-emulsion finish, ultra low yellowing
A new silicone amino-functional micro-emulsion especially developed for its non yellowing effect. It can be applied to all types of fibre or fabric and works exceptionally well on cotton and blends.
( liq. - N )
All fibres

Crosoft MEM
One-pack, self cross-linking elastomeric silicone micro-emulsion
Micro-emulsion elastomeric silicone. A one pack, self crosslinking formulation which imparts a high degree of softness and elasticity to a wide variety of fabrics. Being mildly cationic in nature, it can be applied by pad or exhaust techniques. Good whites are obtained as it does not interfere with the hue or brightness of OBA's.
( liq. - C/N )
All fibres

Crosoft MIC-NEW
Elastomeric silicone micro-emulsion
Micro-emulsion of elastomeric silicone. A one pack, self crosslinking formulation which imparts a high degree of softness and elasticity to a wide variety of fabric. The finish obtained is permanent and is resistant to aqueous and solvent cleaning. Being mildly cationic in nature, it can be applied by pad or exhaust techniques. Good whites are obtained as it does not interfere with the hue or brightness of OBA’s.
( liq. - C/N )
All fibres

Crosoft MUL
Jet stable cationic stitch lubricant and finishing agent
An organo silicone fabric finish, with optimised stitching and brushing properties. It imparts a soft, bulky handle and produces a fabric with added warmth and wearer comfort. Incorporates weakly cationic silicones and specially selected polymeric lubricants in a fine emulsion, which is stable in jet machines.
( liq. - C )
All fibres and fibre blends i.e. cellulosics & wool with synthetic

Crosoft NBCS
Organo-silicone blended flake softener for all fibres.
Universally applicable softener that gives treated fabrics an excellent silicone type soft handle; its is suitable for application to most fibre and particularly good on cotton, rayons, acetates, wool and nylon. Imparts good raising, brushing and sewability property and can be applied by padding or exhaustion.
( Flakes - C )
Most fibres

Crosoft NCS
Cationic softener conferring full, luxurious handle without the aid of silicones; built in static control and low yellowing tendency
Versatile cationic softener which imparts a high level of softness without the problem of silicone based products; can be applied to a wide range of textiles. Gives excellent anti-static properties and has low yellowing characteristics.
( liq. - C )
All fibres

Crosoft NCT-P
Non ionic softener, non yellowing and stable to optical brighteners & resins
A pad applicable, non ionic softener that is extremely suitable for application to cellulosic and synthetic substrates, giving a smooth and soft hand. It is has excellent non yellowing properties and can be used on fibre treated with OBA. Compatible with additives normally used in finishing.
( Pastilles - N )
Cellulosics and Synthetics

Crosoft NIBD
Non ionic, resin stable soft finish for cellulose and other fibres
A non ionic softener dispersible in hot water, used as a finishing agent for all type of fibre and particularly suitable for cellulosic fibres.
( Emulsion - N )
All type of fibres & particularly suitable for cellulosic fibres.
Crosoft PSH  
*GOTS*

Hydrophilic silicone softener for application to cellulosic, wool and synthetic fibres

A hydrophilic silicone softener for use on cellulosic, wool and synthetics. Confers excellent, extremely soft and bulky handle combined with good hydrophilic properties to treated fabrics. Owing to its excellent resistance to yellowing, eminently suitable for use on white goods. On knitted goods, confers great elasticity besides excellent lubrication for sewability. *Can be used on a wide range of articles such as Terry towels, sportswears in cellulosic fibres and blends with synthetics.*

( liq. - N )  
Cellulosics, Wool, Synthetic and blends

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**CROSPAD**

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**Crospad RAM**  
*Antimigrating agent for vat dyes*

A high concentrated levelling antimigrating agent for continuous vat dyeing.

( liq. - )  
*Cotton*

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**CROSPREP**

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**Crosprep AG-PB**  
*Bleaching agent with rapid wetting and emulsifying properties*

Is designed to give very quick expulsion of entrapped air in tightly woven or package goods. In addition, it has a powerful emulsifying agents which provide good scouring of the cloth  

( liq. - N/A )  
Cellulosics and blends

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**Crosprep BMS**  
*Stabiliser for continuous bleaching of cellulosic & blends*

Stabilising agent for the bleaching of cotton and polyester/cotton fabrics. Specially modified silicate based preparation ensures optimum stabilisation of bleach bath oxidant.  

( liq. - A )  
*Cotton & Polyester/Cotton fabrics*

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**Crosprep CHL**  
*Stabilizer for sodium chlorite bleaching*

Buffer and stabilizing agent with anticorrosive effect for the bleaching with sodium chlorite  

( Powder - A )  
*Cellulosic*

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**Crosprep EDC 16**  
*Biopreparation auxiliary based on pectinase; for boiling-off cotton*

A pectinase, which removes pectin from the primary cell wall of cotton fibres without causing any degradation of cellulose. It has no negative effect on the strength properties of cotton textiles or yarn.  

( liq. )  
*Cellulosics*

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**Crosprep G-KBS**  
*A ‘one-pack’ wetting/detergent and stabiliser system for peroxide bleaching of cotton*

An advanced multi-functional auxiliary for use in bleaching of cotton and blends of cotton. It is based on third generation technology of surfactants which allows excellent control of bleaching along with the best emulsification of waxes. Low foaming in nature without the presence of added antifoam  

( liq. - N/A )  
*Cotton and Cotton blends, Linen and linen blends*
Crosprep HES GOTS

Low foam, multifunctional bleaching
stabiliser/emulsifier system

A multi-functional auxiliary for use in
bleaching of cotton and blends of cotton
in Jets. Based on a complex blend of
surfactants and stabilisers, the use of
HES leads to a very 'low foam' bleaching
process without the need for the inclusion
of antifoams.

( liq. - N/A )

Cotton and its blends

Crosprep KFP GOTS

Residual peroxide quencher

A preparation for the removal of residual
peroxide which eliminates the need for
rinsing after bleaching and avoids any
adverse effect on the shade of
subsequent reactive dyeing

( liq. - A )

Cotton & its blends

Any process involving peroxide bleaching

Crosprep MSS GOTS

Stabilising agent for bleaching of cotton
and polyester/cotton fabric

A modified sodium silicate system
designed for use on both continuous and
semi-continuous bleaching. Its powerful
dispersing properties greatly reduce the
problems of precipitation caused by
insoluble calcium and magnesium silicate
salts. Also disperses cotton linters and
particulate soil, resulting in a much
cleaner prepared fabric, which gives an
increased cloth whiteness.

( liq. - A )

Cotton & Cotton blends

Linen & Linen blends

Crosprep MWA

Rapid, high caustic stable wetter for
mercerising cotton

Provides excellent wetting effect in high
concentrations of caustic soda solutions
leading to very uniform penetration of
substrate resulting in even mercerisation.

( liq. - A )

Cotton

Crosprep PBS

All-in-one powder bleaching system,
requires the addition of peroxide only

Combined wetter/detergent, stabiliser
and alkali for simplified bleaching with
peroxide. Eliminates need for
stockholding of large number of
auxiliaries. Easy to handle powder
formulation that dissolves in water,
requiring only the addition of peroxide for
making up bleach bath.

( Powder - A )

Mainly cellulosics and blends

Crosprep PWNN

All-in-one liquid bleaching system

A complete liquid bleaching system,
combining wetter/detergent, stabiliser
and alkali, requiring only the addition of
peroxide for bleaching of cellulosics and
blends.

( liq. - A )

--Cellulose and blends

Crosprep SDNA GOTS

Acid buffer for neutralising and buffering
alkaline finishing process

Multifunctional product with buffering
effect for neutralising caustic. It has
dispersing and sequestering power
towards dirt, calcium and iron ions.

( liq. - A )

Cellulosics

Crosprep SF-CS GOTS

Surfactant and silicate free organic
stabilizer for hydrogen peroxide bleaching

A silicate free organic stabiliser for
peroxide bleaching. Especially suitable for
continuous preparation. Offers
excellent, controlled decay of peroxide
under the most stringent bleaching
conditions.

( liq. - A )

Cotton & Cotton blends

Linen & Linen blends

Crosprep WB-EN GOTS

A rapid wetting and emulsifying agent for
scouring and bleaching

A blend of anionic and non-ionic
surfactants formulated to ensure a rapid
and penetration of chemicals. It also
contains a high amount of very efficient
emulsifiers.

( liq. - N/A )

PES/CO, cotton & blends

Crosquest AGN GOTS

Multifunctional sequestering dispersing agent

Special sequestering agent, which is
particularly suitable for all wet processes
including alkaline bleaching, dyeing and
soaping-off.

( liq. - A )

Mainly Cellulose

Crosquest AGP GOTS

Multifunctional dispersing agent

A special sequestering agent, which is
particularly suitable for all wet process:
alkaline bleaching, dyeing and soapin-
off.

( liq. - A )

All fibres

Crosquest DAC GOTS

Multifunctional acidic sequestrant for
alkaline earth and heavy metal ions;
effective in acid demineralisation and
peroxide bleaching.

Has excellent sequestering capacity for
Ca,Mg and heavy metal ions in acid pH
range. Does not volatilise under steam or
give rise to unpleasant odour. Non
corrosive to stainless steel and does not
form insoluble calcium sulphate or
oxide salts. An out standing property of
the product is in its ability, after
neutralizing with caustic soda, to maintain
its sequestering properties in alkaline
medium, making possible one-bath or
two-bath treatment of
demineralization/peroxide bleaching.

( liq. - A )

Mainly Cellulosic

Crosquest DS GOTS

Novel sequestering, exceptionally strong
dispersant for water hardness and helps
solubilise dyestuff.

Is a special sequestering and dispersing
agent. It is versatile enough to be used in
many applications, such as batchwise
preparation or scour/dyeing.

( liq. - A )

Predominantly cellulosics and blends

Crosquest E GOTS

General purpose sequestering agent

An established sequesterant for general
use to give effective removal of calcium
and iron. It can be used in most wet
processing and is particularly suitable for
acid dyeing.

( liq. - A )

Wool

Index to textile auxiliaries
Crosquest H  
Highly effective sequestrating agent for use in scouring and bleaching.

Very high caustic stable sequestering agent used in continuous bleaching. Builds stable complexes with calcium and ferric ions, also complexes aluminium, chromium and copper.  
( liq. - A )  
Mainly Cellulosics and Synthetic blends of it.

Crosquest HRO  
Speciality calcium & iron sequestrant, dispersant for particulates, scavenger for hydrolysed/unfixed reactive dyes.

Extremely versatile sequestrant, particularly effective at sequestring calcium and iron under alkaline conditions. Ideally suited for enhancing scouring and bleaching of cellulosic goods. Can be used for general purpose sequestration of metals in other industrial application.  
( liq. - A )  
Predominantly cellulosics and blends.

Crosquest M-GRZ  
Sequestering/dispersing agent.

Particularly suitable scouring and alkaline bleaching, it sequesters alkaline-earth metals coming from the water and or the cotton fibre. The Crosquest M-GRZ prevents the furring of mineral ions in the material and its use prevents the fade to grey effect of the material.  
( liq. - A )  
All fibres.

Crosquest NA  
Economical general purpose sequestrant for wet processing treatment of wool.

Effective sequestrant for most wet processing treatment of wool, particularly under acid conditions such as most acid dyeing operations. The product can be effective over a wider pH range and may find its use in other areas of processing where economy is the main criteria, particularly in relation to the use of EDTA. Crosquest NA is fully biodegradable and can be removed during biological treatment of waste water.  
( liq. - A )  
Mainly Wool.

Crosquest PS  
Highly effective sequestrant for calcium and iron.

Effective sequestrant for the chelation of calcium and metal ions. It can be used where ever strong sequestration is required, such as in the scouring or bleaching process. Not recommended for inclusion in dye baths, as its strength can adversely affect certain dyestuffs which incorporate a metal ion in the chromophore.  
( liq. - A )  
Various

CROSTAT

Crostat AS  
Powerful, easy to use, liquid cationic antistatic agent.

Effective and powerful antistatic finish eminently suitable for application to both synthetic and natural fibres.  
( liq. - C )  
Synthetic and natural fibres.

Crostat BJ 30  
Non permanent antistat, exhaustible cationic.

Temporary antistatic agent for natural and synthetic fibres. It can be applied in conjunction with cationic and non-ionic softeners to provide stitch lubricating/antistatic properties to synthetic fibres.  
( liq. - C )  
Natural and synthetic fibres.

Crostat PTA  
Anionic water soluble antistatic agent for wool, polyester and polyamide processing.

Temporary antistatic agent for wool and synthetic fibres, especially polyamide and polyester. Will not adversely affect the dye fastness properties or soiling properties of carpet yarn.  
( liq. - A )  
Wool and Synthetics.

CROSTEC A

Crosteca CLEARER  

It is particularly designed for use in the treatment of garments made from mixture of deep dyed and pale or undyed yarns. Crosteca CLEARER is designed to remove surface dye and dyed soluble protein as well as to hold it off the fabric for preventing redeposition or cross-staining.  
( liq. - N )  
Wool.

Crosteca DEVE  
Residual oxidising agent quencher - TEC treatment.

Remove any exceeding oxidizing agent and to increase the fibre pH in the TEC (Total Easy Care) treatment on wool garments, also develops the latent shrink-resist properties conferred by Crosteca SALT.  
( liq. - A )  
Wool.

Crosteca FIT1  
Water soluble silicone elastomeric finish for the shrink resist treatment of wool garments.

Crosteca FIT1 forms part of a package of auxiliaries used in the Shrink Resist treatment of wool garments. Following the preparatory scouring, oxidation/reduction treatments, the application of Crosteca FIT1 can lead to producing a machine washable finish, either on woollen or worsted spun garments.  
( liq. - N )  
Mainly wool garments and may also be used on other fibre substrates.

Crosterca GSD  
Eco-friendly solvent based, re-inforce the action of crosteca lana during pre-scouring (if necessary) - TEC treatment.

Crostec GSD avoids the problems associated with solvent toxicity and surfactant non-biodegradability. It is, however, still a solvent based scouring agent, containing a blend of surfactants and possessing anti-soil re-deposition properties.  
( liq. - N/A )  
Wool.
Crosteca LANA
A high performance scouring-milling agent for removal of mineral oils and other contaminants - TEC treatment
Crosteca LANA is a highly effective scouring agent. It is particularly efficient in the scouring of woollen hosiery and woven yarns spun using fibre lubricant which contains mineral oil.
( liq. - N/A )
Wool blends

Crosteca SALT
Oxidising agent for total easy care (TEC) treatment of wool
Oxidising additive which is used in conjunction with a special resin to impart high levels of shrink resist characteristics when applied to wool.
( powder )
Wool

Croszyme 75
Alpha amylase based enzymatic desizing agent.
Different concentration of alpha-amylase for desizing purposes. Works at temperature lower than 65°C. Can be used in all areas of cotton preparation leading to bleaching.
( liq. )
Cellulose and blends

Croszyme 90
Alpha-amylase based enzyme. Helps desize cotton and denim articles.
An alpha-amylase for Cotton and Denim desizing. It is compatible with anticrease agent such as Crosoft SCN, Croscolor NLD, scouring and wetting agents such as Croscour RDT, or with Croscen P-NE (wetting & lubricating agent). It can be used for all starch or mixed starch sizes.
( liq. )
Cotton & Denim

Croszyme HT
High temperature stable alpha-amylase
High temperature alpha amylase for desizing.
( liq. )
Cellulosics

Croszyme MCB
Acid cellulase biopolish enzyme; provides soft handle.
Biopolishing enzyme for cellulosics. Enzyme specially developed to remove surface fuzziness and pills from cellulosic goods. Provides a soft handle to the treated goods. CROSSDEN MCB is a new generation of acid cellulase
( liq. )
Denim, cotton, cellulosic

Croszyme MCB-T
Liquid biopolishing aid for cellulosics with general enhancement of handle.
Enzymatic finishing auxiliary especially developed for biopolishing. Croszyme MCB-T is a liquid which removes surface fuzziness and pills from cellulosic goods. It also provides a soft handle to the treated goods
( liq. )
Cellulosic

Croszyme NAP
Enzymatic finishing agent biopolishing
Is a liquid enzymatic-finishing auxiliary especially developed for biopolishing. Croszyme NAP is a product, which removes fuzz and pills from cellulosic goods.
( liq. )
Cellulosic fibres

Croszyme PEK
Stabilized liquid enzyme type: catalase
Stabilised liquid catalase, specifically breaks down hydrogen peroxide into non-active oxygen and water. It has no effect on textile fibres or dyestuffs. It is applied in enzymatic bleach clean-up where residual hydrogen peroxide is removed from textile material and process liquid prior to dying step. Effective bleach clean-up is especially important when dyeing with dyestuffs sensitive to oxidation.
( liq. )
All fibres undergoing hydrogen peroxide bleaching

Stabilized liquid enzyme type: catalase
Stabilised liquid catalase, specifically breaks down hydrogen peroxide into non-active oxygen and water. It has no effect on textile fibres or dyestuffs. It is applied in enzymatic bleach clean-up where residual hydrogen peroxide is removed from textile material and process liquid prior to dyeing step. Effective bleach clean-up is especially important when dyeing with dyestuffs sensitive to oxidation.
( liq. )
All fibres undergoing hydrogen peroxide bleaching