



## PRODUCTS FOR DENIM GARMENTS PROCESSING

### PRETREATMENT

#### De-mineralizer

Matquest FE liquid  
Protonic agent & Acid de-mineralizer for Protonic pretreatment of cellulose, having versatile properties of sequestering, neutralizing etc.

#### Sequesterants

Matquest US liquid  
Powerful sequesterant for removing Calcium and Iron with excellent hardness removing capacity.

Matquest DP liquid  
Powerful sequesterant having very good peroxide stabilizing properties, suitable for combined scouring & bleaching baths.

#### Anti-creasing agent

Matlube UCA liquid  
Universal Crease Preventing agent for reducing chafe marks and rope marks.

#### Wetting agents

Matwet WPD liquid  
Powerful Wetting and penetrating agent for denims.

Matwet AWA liquid  
Anionic, powerful wetting agent.

Matwet EW-NF Liquid  
Detergents and wetting agent for denim processing

#### Oil Stain Remover

Matclean CASR liquid  
Crypto-anionic, combined scouring and stain extracting agent having fat dissolving properties and possessing high alkaline stability.

#### Detergents

Matclean CAD liquid  
Detergent for alkaline boiling-off and desizing of woven fabrics, having excellent alkaline stability.

Matclean RWD liquid  
Low-foaming detergent, having very good wetting and re-wetting properties for scouring of cellulose.

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Matclean MFD liquid

Multi-functional detergent having in-built properties of sequestering and peroxide stabilizing, suitable for continuous scouring and bleaching baths.

Matclean DGW liquid  
Detergent for garments washing.

#### Peroxide Stabilizer

Matstab SIF liquid  
Silicate-free Peroxide stabilizer, having good alkaline stability.

#### Enzymes

Matzyme BIO-DS liquid  
Amylase enzyme for desizing of denim fabrics, applicable over wide pH and temperature range.

Matzyme BIO-DZ liquid  
Amylase enzyme for desizing of denim garments, applicable over wide pH and temperature range.

Matzyme BP liquid  
Cellulase enzyme for bio-finishing of cellulose.

Matzyme DS liquid  
Speciality cellulase enzyme for de-pilling effect and durability.

Matzyme BIO-N liquid  
Neutral Cellulase enzyme for bio-washing of cellulosic fabrics.

Matzyme NEO Powder  
Neutral Cellulase enzyme for bio-washing of denim fabrics

Matzyme BIO-G liquid  
Acid enzyme for garments washing.

Matzyme VHK-L liquid  
Economical, catalase enzyme for removal of peroxide after bleaching.

Matzyme VHK liquid  
Catalase enzyme for application over wide pH and temperature range.

#### Mercerizing agent

Matwet MWA liquid  
Mercerizing agent for low-foaming operations.

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## DYEING CHEMICALS

### Dye-bath sequesterant

Matquest 1090 liquid  
Polymeric sequesterant, having in-built dispersing and leveling properties, suitable for dyeing.

### Anti-creasing agent

Matlube CA liquid  
Crease Preventing agent for reducing chafe marks and rope marks.

### Dye-bath additive

Matsperse DBA liquid  
Dye-bath additive for keeping the hydrolysed dye in suspension form and to avoid its re-deposition on the fabrics.

### Dispersing agent

Matsperse DPS Powder  
Excellent dispersing agent for better dispersion of dyes.

### Washing-Off agent

Matwash SAP liquid  
Saponification aid for removal of hydrolyzed/unfixed dyes after dyeing.

Matwash CLEAR liquid  
After-clearing agent for reactive dyes on cellulosic fibers and its blends for preventing back-staining.

Matwash DSP Conc.  
High performance washing-off agent that removes unfixed dyes and prevents back-staining of hydrolyzed dyes.

### Fixing Agent

Matfix D-NF Liquid  
Fixing agent for denim treatment to get better fastness

## FINISHING CHEMICALS

### Fatty Softeners

Matsoft VSC flakes  
Cold-soluble, cationic flakes for soft handle on cellulosic.

Matsoft P flakes  
Highly concentrated softener for premium softness for all types of fibers.

Matsoft CSS flakes  
Hot-soluble, cationic softener for super soft feels.

Matsoft NIS flakes  
Nonionic Softener in flake form.

### Silicone softeners

Matsoft DAS emulsion  
Diamino silicone, imparting soft hand when applied by padding method.

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Matsoft MAS emulsion

Macro Emulsion of silicone, imparting soft hand when applied by padding method.

Matsoft AFS emulsion

Amino functional silicone for soft handle, having excellent shear stability.

Matsoft PAS emulsion

Premium amino-silicone, for superior softness and silky handle, exhibits soil release properties.

Matsoft OFS emulsion

Organofunctional silicone for super soft handle, having jet stability and resin compatibility, hence suitable for use in resin baths to obtain wrinkle free finish.

#### Combined softeners

Matsoft CSPE liquid

Combined properties of fatty based softener and polyethylene for improving tear strength, tensile strength and abrasion resistance properties, can be used for resin treatment of dyed fabrics.

Matsoft CSIL liquid

Combined properties of cationic fatty softener and silicone, for dyed fabrics.

Matsoft CSIL-JET liquid

Combined properties of cationic fatty softener and silicone, for inner softness and surface feel, can be used by exhaust method.

Matsoft CSIL Premium

Combined properties of cationic fatty softener and silicone, for premium softness and soil release properties, for dyed fabrics.

#### Resin-bath additive

Matsoft PEW emulsion

Resin-bath additive for improving the tear strength, tensile strength and abrasion resistance properties of woven fabrics.

## FUNCTIONAL CHEMICALS

#### Neutralizer

Matacid CN liquid

Neutralizer to be used for core neutralization of fabrics.

#### pH Controller

Matacid AS liquid

Acetic acid substitute, for all stages of wet-processing to control bath pH.

#### Antifoam

Antifoam MX liquid

Silicone defoamer for rapid knock-down of foam, to be used for scouring baths.

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