



Denim & Faces

PRODUCT CATALOGUE

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TECHNICAL DATA

PRODUCT NAME : DF ABS CONC

DESCRIPTION : Concentrated dispersing agent (Finishing Agent)

CHEMICAL NATURE : Mixture of polyester groups

APPERANCE : Viscous Brown liquid

pH : 3 ± 1

IONICITY : Cationic

SOLUBILITY : Soluble

DILUTION METHOD :

Recommended Dilution:

Add 1 part DF ABS CONC + 9 part WATER (between 30 oC – 40 oC) to make 10 part DF ABS CONC product. 15% Chemical need to properly mix with 85% water to make the 1-litre solution. Water Requirement: Ph-5 to 7.0. Water Hardness: Less than 75 ppm.

APPLICATION:

1 – 2 GR/LT DF ABS CONC can be use, for avoid back staining atpre – wash and stone wash baths. It can be used with all enzymes.

STORAGE:

12 months at 25°C

The information presented herein is true and accurate to the best of our knowledge, but without any guarantee unless explicitly given. Since the conditions of use are beyond our control, we disclaim any liability including for patent infringement incurred in connection with the use of these products, data or suggestions.

Example of DF ABS CONC WASH RESULTS



This product is highly recommended as it removes all stain (Blue/yellow) in the clothing after wash.

other product

DF ABS CONC





**Denim & Faces
process wash**



Other process wash



TECHNICAL DATA

PRODUCT NAME : DF ENZYME

DESCRIPTION : Stone wash enzyme

CHEMICAL NATURE : Neutral cellulose stone wash enzyme

APPEARANCE : Yellow powder

pH : 5.5 ± 1

IONICITY : Slight cationic

SOLUBILITY : Soluble

APPLICATION:

DF ENZYME is a good enzyme that can be used in stone washing at all temperatures.

Recommended use;

1 - 2 gr / lt DF ENZYME can be applied at 35 - 45 °C at a pH of 5.5 - 6.5 for 40 - 45 minutes.

Pumice stone can be added according to the desired result.

STORAGE:

12 months at 25°C

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TECHNICAL DATA

PRODUCT NAME : DF HDS

DESCRIPTION : DF HDS is a non-ionic micro-hydrophilic silicone oil emulsion.

CHEMICAL NATURE : Micro Hydrophilic silicone oil emulsion

APPERANCE : Colorless liquid

pH : 6 ± 1

IONICITY : Nonionic

SOLUBILITY : Soluble

APPLICATION:

DF HDS is a very good micro hydrophilic silicone softener that provides a soft touch.

The recommended usage amount according to the desired result in the softening stage is below.

BATH RATIO: 1: 6

TEMPERATURE: 40--45 °C

BATH pH: 5

1--3% DF HDS (on fabric weight)

You can also add cationic softener according to your request. It is applied for 5-10 minutes.

STORAGE:

12 months at 25°C

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TECHNICAL DATA

PRODUCT NAME : DF MAX M POWER

DESCRIPTION : Type of enzyme complex used in stone washing.

CHEMICAL NATURE : Mixture of cellulase enzymes

APPERANCE : Light brown powder

pH : 5 ± 1

IONICITY : Cationic

SOLUBILITY : Soluble

APPLICATION:

Pretreatment:

At 60 oC for 10 minutes with 1 – 2 gr/lit desizing process is done.
The water of the machine is drained and squeezing is done.

Stone wash process:

%1 – 3 DF MAX M POWER (OWG) is applied in the environment without water, stone and heat. The half of the DF MAX M POWER is sprinkled onto the garments and machine works for 5 minutes. After this process the other half of DF MAX M POWER sprinkled onto the garments and the machine works for 30 – 50 minutes.

Cellulase can be destroyed by rinsing with alkali (either sodium carbonate or caustic at 60-70 oC) or by increasing heat to 70 - 80 oC for 10 minutes.

STORAGE:

12 months at 25°C

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TECHNICAL DATA

PRODUCT NAME : DF NEU

DESCRIPTION : DF NEU is very good neutral antipilling enzyme and Biggest advantage is DF NEU Works Neutral PH and gives minimum damage to the Fabric

CHEMICAL NATURE : Mono – component enzyme

APPERANCE : Product ranges from light yellow liquid to pale brown liquid

pH : 6 ± 1

IONICITY : Non-ionic

SOLUBILITY : Soluble

DILUTION METHOD : DF NEU is good mono component cellulase enzyme which gives good depilling effect. According to desired effect, 1 – 2 gr/lit DF NEU can be applied between 5 – 8 pH range at 40 – 50 oC for 7 – 20 minutes.

STORAGE:

12 months at 25°C

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TECHNICAL DATA

PRODUCT NAME : DF RP

DESCRIPTION : Anti Fracture Chemical

CHEMICAL NATURE : Multi glycol mixture

APPEARANCE : White emulsion

pH : 6 ± 1

IONICITY : Non-ionic

SOLUBILITY : Soluble

APPLICATION : DF RP is a lubricant that minimizes fiber-fiber and metal-fiber friction in the machine. Recommended usage amount for desizing and stone washing is 0.5 - 2% DF RP (on fabric weight).

STORAGE:

12 months at 25°C

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TECHNICAL DATA

PRODUCT NAME : DF SIL

DESCRIPTION : Semi micro silicone

CHEMICAL NATURE : Micro silicone oil emulsion

APPERANCE : White emulsion

pH : 5 ± 1

IONICITY : Slight cationic

SOLUBILITY : Soluble

APPLICATION : DF SIL is a very good micro silicone softener providing a soft touch.

Recommended usage and method are below.

Bath Ratio 1: 6

TEMPERATURE 40 - 45 °C

BATH PH: 5

% 1 - 3 DF SIL OWG (on clothing by weight)

You can also add cationic softener according to your request, it can be applied for 10-15 minutes.

STORAGE:

12 months at 25°C

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TECHNICAL DATA

PRODUCT NAME : DFSOFT OZN

DESCRIPTION : Softener (Finishing Agent)

CHEMICAL NATURE : Quaternised fatty acid condensation product

APPEARANCE : White liquid

pH : 4,5 ± 1

IONICITY : Nonionic

SOLUBILITY : Soluble

APPLICATION : DFSOFT OZN need to prepare 1 Part of DFSOFT OZN WITH 9 part of water mixing properly which has the ability to absorb chemicals such as ozone and its auxiliaries, which reduce the ozone release tendency of the dyes on the fabric.

DFSOFT OZN is applied to denim fabric at the last stage of washing. The recommended amount of use in the last stage, which is the softening stage, is below.

Depending on the desired touch and ozone fastness, it can be applied between 2 gr/lit and 5 gr/lit at maximum 40°C for 10 minutes.

STORAGE:

12 months at 25°C

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