



# Sarex Chemicals

(A Divn. Of Saraf Chemicals Pvt. Ltd.)

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## PRODUCT LITERATURE

### SARALINK-ULF

#### Product Information

Saralink-ULF is an ultra low formaldehyde pre-catalyzed cross linking agent for cotton and polyester/cellulosic blends to impart durable press finish with very low free formaldehyde. It can also be applied at high temperature. It meets Oekotex requirement. With Saralink-ULF, DP rating of 3- 3.5 can be obtained depending on recipe and process. Saralink-ULF is also suitable for DP finishing of garments by spraying or soaking technique.

#### Key Features & Benefits

Key Features

Benefits

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Ultra low formaldehyde

Suitable for outerwear to meet Oekotex requirement

Efficient

DP rating 3+ can be obtained

Pre-Catalyzed

No need to add catalyst separately

#### General Characteristics

Physical appearance : Colourless to pale yellow clear liquid

Ionic nature : Nonionic

pH of 1% solution : 4 +/- 1

Miscibility : Miscible with water

Compatibility : Compatible with cationic, anionic and nonionic products

Stability : Stable to dilute acids and dilute alkalies

#### Application

I. PADDING PROCESS (Durable press finish)

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Pick-up : 65-70 %

Bath pH : 5.0-6.0

High temp.curing : 150-160 deg.C, 3-4 mins.

Shock curing : 170-180 deg.C, 30-45 sec.

Suggested Recipe

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1. 100% Cotton Shirting & Cotton B/W



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Saralink-ULF : 60-120 g/l  
MgCl<sub>2</sub> : 12-25 g/l (Optional)  
Citric acid : 0.3 g/l  
Megatouch : 5-15 g/l  
Macrosoft-W : 5-15 g/l  
Saralube-2975 : 20-30 g/l

#### 2. Polyester / Cellulosic blends

Saralink-ULF : 40-60 g/l  
MgCl<sub>2</sub> : 8-12 g/l (Optional)  
Citric acid : 0.3 g/l  
Sarasoft-1371 : 10-15 g/l  
Macrosoft-W : 10-15 g/l  
Saralube-2975 : 10-20 g/l

#### II. EXHAUST PROCESS

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Bath pH : 4.5-5.0  
Bath Temp. : Room temperature  
Time : 10-30 mins.  
Hydroextract, Tumble dry  
Drying : 125-160 deg.C, 3-5 mins.

#### Suggested Recipe

##### 1. Wrinkle free treatment of garments

Saralink-ULF : 6-12 %  
Saralube-2975 : 2-3 %  
Macrosoft-W : 1-2 %  
MgCl<sub>2</sub> : 1.2-2.4 % (Optional)  
Citric acid : 0.3 %

### Precautions

Storage : Store in cool, ventilated shed away from heat and direct sunlight. Storage temperature should not exceed 35 deg C. Close lids firmly to avoid contact with air and moisture.

Shelf Life : 9 months from the date of manufacturing, if stored under controlled conditions.

[The above information is given in good faith and is without warranty]  
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