



# Sarex Chemicals

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

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## PRODUCT LITERATURE

### SARAGUARD-FL

#### Product Information

Saraguard-FL is a methanol free antimicrobial agent for finishing of Cotton, Polyester and their blends. Saraguard-FL can be applied by padding, exhaust, soaking and spraying methods. Saraguard-FL is a non-leaching antimicrobial agent. It is effective against broad spectrum of microbes. It passes AATCC 100, JIS L 1902 test methods.

#### Key Features & Benefits

Key features -----	Benefits -----
Non-leaching	Durable to multiple home launderings
Broad spectrum	Works on all types of microbes such as Staphylococcus aureus, Escherichia coli, Klebsiella pneumoniae, Methicillin - Resistant Staphylococcus aureus (MRSA).
Hydrophilicity	Does not affect the hydrophilicity of the fabrics
Concentrated	Economical
Versatile	Application on Cotton, Polyester,

#### General Characteristics

Physical appearance	: Pale yellow to light brown clear to hazy viscous liquid
Ionic nature	: Cationic
pH of 1% solution	: 6 +/- 1
Miscibility	: Miscible with water
Compatibility	: Compatible with cationic and nonionic products
Stability	: Stable to dilute acids and unstable to dilute alkalies

#### Application

Padding process



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Saraguard-FL : 25-80 g/l  
Saralink-ULF : 30 g/l + 6 g/l MgCl<sub>2</sub> (Optional, to improve  
extended durability)  
Pick-up : 65-70 %  
Bath pH : 5.0-6.0  
Drying : 140-160 deg.C, 1-2 min.

#### Exhaust process

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Saraguard-FL : 2.5-5 %  
Bath pH : 5.0-6.0  
Bath Temp. : 30-40 deg.C  
Time : 15-20 mins.

### 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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