



Sarex Chemicals

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

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PRODUCT LITERATURE

SARAGUARD-FL

Product Information

Saraguard-FL is an economical antibacterial and antiviral agent for all textile substrates and their blends. Saraguard-FL can be applied by padding, exhaust, soaking and spraying methods. Saraguard-FL is a non-leaching antimicrobial agent which is durable to multiple home laundering. It is effective against broad spectrum of bacteria's and viruses. It passes AATCC 100, JISL 1902 test methods. Saraguard-FL is also suitable for application on medical textiles like face mask, surgical gowns and other personal protective equipment/clothing (PPE) etc.

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, Methicilli Resistant Staphylococcus aureus (MRSA).
Hydrophilicity	Does not affect the hydrophilicity of the fabrics
Concentrated	Economical
Versatile	Application on Cotton, Polyester, polyamide and it's blends

General Characteristics

Physical appearance	: Colourless to pale yellowish 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



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Padding process

Saraguard-FL : 20-50 g/l
Pick-up : 65-70 %
Bath pH : 5.0-6.0
Drying : 110-120 deg.C, 1-2 min.

Exhaust process

Saraguard-FL : 2-5 %
Bath pH : 5.0-6.0
Bath Temp. : 30-40 deg.
Time : 15-20 mins.

- * For application in medical textiles the dosage of the above chemical has to be optimized depending on the GSM of the fabric and (%) Expression
- * Concentration of the above product to be taken on the basis of durability requirement.
- * At higher drying/curing temperatures there might be shade changes depending on the Dye, OBA and the fabric.
- * Pre-trials are recommended.

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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