



Sarex Chemicals

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

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PRODUCT LITERATURE

ZOROGUARD-ZP

Product Information

Zoroguard-ZP is zinc pyrithione based leaching antimicrobial agent. Zinc pyrithione is classical antifungal agent. Zoroguard-ZP exhibits antibacterial activity as well. Zoroguard-ZP is effective against broad spectrum of microbes, patghogens and viruses. It is suitable for all types of substrates viz cotton, polyester, polyamide, wool and their blends and nonwoven substrates also. Zoroguard-ZP passes AATCC-30, AATCC-147 and AATCC-100 test methods. It can be applied by padding, exhaust, soaking and spray method. It is suitable for application in medical textiles like surgical gowns, masks etc.

Key Features & Benefits

| Key features ----- | Benefits ----- |
|-----------------------|---|
| Broad spectrum | Works on all types of microbes such as Aspergillus Niger, Staphylococcus aureus, Escherichia coli, Klebsiella pneumoniae Methicillin - Resistant Staphylococcus aureus (MRSA) etc., |
| Universal | Suitable for cotton, polyester, polyamide, wool and their blends |
| Prevents growth of | Inhibits odour generation |

General Characteristics

| | |
|---------------------|---|
| Physical appearance | : Off white liquid |
| Ionic nature | : Nonionic |
| pH of 1% solution | : 8 +/- 1 |
| Miscibility | : Miscible with water |
| Compatibility | : Compatible with cationic, anionic and nonionic products |
| Stability | : Stable to dilute acids and dilute alkalies |

Application

| Padding process ----- | Exhaust process ----- |
|--------------------------|--------------------------|
| Zoroguard-ZP : 10-60 g/l | Zoroguard-ZP : 1-6% |



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|---------|----------------------|------------|---------------|
| Pick-up | : 65-70 % | Batch pH | : 5.0-5.5 |
| Bath pH | : 5.0-5.5 | Bath Temp. | : 30-40 deg.C |
| Drying | : 160 deg.C, 2 mins. | 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.

* 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]
[Prod.Code :L009358.docx | Last Upd. On : `16/04/20] [PP]

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