



# 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 antimicrobial agent. Zinc pyrithione is classical antifungal agent. Zoroguard-ZP exhibits antibacterial activity as well. Zoroguard-ZP is effective against broad spectrum of microbes. It is suitable for all types of substrates viz cotton, polyester, polyamide, wool and their blends. It is leaching antimicrobial agent. Zoroguard-ZP passes AATCC-30, AATCC-147 and AATCC-100 test methods.

#### Key Features & Benefits

##### Key features

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Broad spectrum

Universal

Prevents growth of  
mould and mildew

##### Benefits

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Works on all types of microbes such as  
Aspergillus Niger, Staphylococcus aureus,  
Escherichia coli, Klebsiella pneumoniae,  
Methicillin - Resistant Staphylococcus  
aureus (MRSA) etc.,

Suitable for cotton, polyester,  
polyamide, wool and their blends

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

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Zoroguard-ZP : 10-60 g/l  
Pick-up : 65-70 %

##### Exhaust process

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Zoroguard-ZP : 1-6%  
Batch pH : 5.0-5.5



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Bath pH : 5.0-5.5 Bath Temp. : 30-40 deg.C  
Drying : 160 deg.C, 2 mins. 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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