



# Sarex Chemicals

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

501 Waterford, C Wing, C.D.Barfiwala Marg(Juhu Lane), Andheri(W),Mumbai 400 058. INDIA

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## PRODUCT LITERATURE

### REDUCIT-ZS

#### Product Information

Reducit-ZS is a speciality product for discharge printing. It is particularly used for white discharge and white discharge-resist prints on wool, silk, nylon, polyester and other synthetic fibres. It also has application in high-solvent pigment discharge printing. Reducit-ZS helps in shrinkproofing of wool. Reducit-ZS is also reduction clearing agent in powder form, suitable for removing unfixed disperse dyes from dyeings and prints on polyester in acidic medium. It is applied in cooling dye bath in acidic medium. Reducit-ZS can be used as wool bleaching agent in acidic medium causing minimum damage to wool.

#### Key Features & Benefits

##### Key Features

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Concentrated

Discharge effect in printing

Can be added in cooling acid dye bath to remove unfixed dye

##### Benefits

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Easy to handle

Very good

Shortens process time reduces cost and lessens water and energy consumption

Alkalifying the bath or preparing a fresh post-clearing bath is not necessary

Also re-acidify the polyester subsequent to alkaline after treatment is not necessary

#### General Characteristics

Physical appearance : White powder

Ionic nature : Cationic

pH of 1% solution : 5 +/- 1

Miscibility : Miscible with water

Compatibility : Compatible with nonionic, anionic & cationic products

Stability : Stable to dilute acids and unstable to dilute alkalis



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#### Application

1. Discharge Printing:

Reducit-ZS is used 12-20% for discharge printing depending on depth of shade.

2. Reduction Clearing:

It is highly effective in a cooling, acid dye bath. The pH of the bath should be 4.5-5 (The pH should not be lower than 4.5)

For medium shade  
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Reducit-ZS            0.5 - 1% o.w.f.

For dark shade  
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Reducit-ZS            1-1.5% o.w.f.

After dyeing, treat for 10 - 20 mins at 70-80 deg.C, then rinse hot and cold.

#### Instructions For Dilution

Reducit-ZS is to be used as such and no dilution required.

#### 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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