



# Sarex Chemicals

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

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## PRODUCT LITERATURE

### REDUCLEAR-NS

#### Product Information

Reduclear-NS is a reduction clearing agent available in powder form with no odour. Reduclear-NS removes unfixed disperse dyes in acidic medium from polyester and its blends with polyacrylonitrile. It is applied in cooling dyebath of acidic medium.

#### Key Features & Benefits

##### Key Features

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Works under acidic pH

Dyeing followed by reduction clearing in the same dye bath

No odour in the product

##### Benefits

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Alkalifying, fresh bath and reacidifying is not required

Saves time, energy and water

Convenience in work conditions

#### General Characteristics

Physical appearance : Off white powder

Ionic nature : Nonionic

pH of 1% solution : 10 +/- 1

Miscibility : Miscible with water

Compatibility : Compatible with anionic, cationic and nonionic products

Stability : Stable to dilute acids and dilute alkalies

#### Application

It is highly effective in a cooling acid dye bath, the pH of the bath should be 4.0-4.5

After dyeing, treat the dyed substrate at 70-80 deg.C for 10-20 min. followed by rinsing.

##### SUGGESTED RECIPE

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Substrate

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Polyester

Dosage\*

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0.5-0.75% (owf)



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Polyester/Spandex 0.75-1.2% (owf)  
Saragen-SO 0.3-0.5 g/l (Optional) OR  
Saragen-DAM 1.0-2.0% (Optional)

Addition of dispersing agents (Saragen-SO, Saragen-DAM) improves removal of dye in case of polyester/spandex.

\* Dosages recommended are based on the concentrated product's strength.

Dosages of diluted product to be calculated on the basis of solid content.

Dosages to be taken depending on the depth of shade.

#### Instructions For Dilution

Procedure to prepare 30% diluted product of 100% Reduclear-NS

- Take 30 parts of Reduclear-NS
- To this, add 70 parts of DM water.
- Stir at 200-300 rpm for 40-45 min. till Reduclear-NS is completely dissolved.

Preservation: It is recommended to add 0.1% Bronopol (2-Bromo,2-nitropropane, 1,3-diol) or Methyl Paraben (methyl para hydroxy benzoate) as an antimicrobial agent to avoid fungal / microbial growth.

Note: Un-dissolved particles if any can be filtered off.

#### 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 : 8 months from the date of manufacturing, if stored under controlled conditions.



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[The above information is given in good faith and is without warranty]  
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