



# 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

### SARAGEN-SO

#### Product Information

Saragen-SO is dispersing agent recommended for exhaust dyeing, direct style of printing and continuous dyeing of polyester and its blends. Saragen-SO improves dispersion stability, particularly for dark shades which are dyed for longer period at low liquor ratio. Dyes with inferior dispersions, addition of Saragen-SO in dyebath improves dispersion. Saragen-SO can also be added in print paste as well as for dyeing of disperse dyes by padding. Saragen-SO also used for washing-off agent for reactive dyes as it keeps hydrolysed and unreacted dye in solution.

#### Key Features & Benefits

##### Key Features

Concentrated form

Improves dispersion stability

Versatile

##### Benefits

Economical

Prevents precipitation in dark shades, speckiness in printing and continuous dyeing

For exhaust dyeing, direct printing and pad application of disperse dyes and continuous dyeing of vat dyes

#### General Characteristics

Physical appearance : Light brown to brown powder

Ionic nature : Anionic

pH of 1% solution : 8 +/- 1

Misibility : Soluble in water

Compatibility : Compatible with anionic and non-ionic products

Stability : Stable to dilute acids and dilute alkalies

#### Application

1. Saragen-SO : 0.3-0.8 g/l

2. Saragen-SO for washing-off agent.  
0.3-0.5% Saragen-SO



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Sequence of addition:

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1. After dyeing drain the bath.
2. Add Saragen-SO at room temperature or at dyeing temperature (at 55-60 deg.C or 80-90 deg.C) for 20 min. Drain
3. Add 0.5% Celldet-R (wetting agent) increase temperature to 95 deg.C for 20 min. Drain
4. Hot rinse at 70 deg.C for 10 min, followed by cold rinse. Drain
5. Cold rinse and carry out dyefixing in the same bath.

### Instructions For Dilution

Procedure to prepare 35% Saragen-SO

- Take 65 parts of DM water
- To this, gradually add 35 parts of Saragen-SO under constant stirring using paddle stirrer at 200-300 rpm.
- Continue stirring to obtain homogenous product

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.

### 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.

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