



# Sarex Chemicals

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

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Phone +91 22 42184218 Fax +91 22 42184350

Email : tcmktg@sarex.com URL www.sarex.com

## PRODUCT LITERATURE

### SARASIL-JS (CONC)

#### Product Information

Sarasil-JS (Conc) is a silicone based defoamer stable to alkaline conditions at high temperature as well as stable to shear forces. Sarasil-JS (Conc) can be used for alkaline scouring, dyeing by exhaust process as well as by continuous range.

#### Key Features & Benefits

##### Key Features

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Stable to alkaline pH,  
high temperature

Shear stable

Spot free

##### Benefits

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Suitable for pretreatment & dyeing  
of cotton

Suitable for jet, soft flow machines  
and package dyeing machines

Does not lead to silicone spots hence  
no value loss

#### General Characteristics

Physical appearance : White viscous emulsion

Ionic nature : Nonionic

pH of 1% solution : 6 +/- 1

Miscibility : Miscible with water

compatibility : Compatible with anionic and nonionic  
products

Stability : Stable to dilute acids and dilute alkalies

#### Application

Sarasil-JS (Conc) is stable to high alkaline pH and at elevated temperature. Depending upon the requirement 0.1-0.3 g/l of Sarasil-JS (Conc) can be used.

Note:

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1. Sarasil-JS (Conc) is also suitable to be used as such for the end users. For immediate consumption by the end user, 1:1 to 1:10 dilutions can be made by using only soft water by stirring. Please note that it is to be used immediately (less than 10 min)



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2. Sarasil-JS (Conc) is not advisable to use in high temperature/high pressure machines and hence cannot be used for polyester dyeing.

#### Instructions For Dilution

Procedure to prepare 15% Sarasil-JS (Conc)

- Take 60.5 parts of DM water (40-50 deg.C)
- To this, add 1 part of Saracream (Conc) [viscosity modifier]. Stir at 3000 rpm for 20-25 min.
- Add Xanthum gum. Stir at 3000 rpm for 10-15 min.
- Cool to room temp. and then add 37.5 parts Sarasil-JS (Conc).
- Stir at 100 rpm for 20-25 min to get 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.

Note:

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- Diluted Sarasil-JS (Conc) may show non-uniform appearance as diluted product is not an emulsion but dispersion.
- Dispersion of the product is stabilized by polysaccharide.

#### 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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