



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

Stable to alkaline pH,
high temperature

Shear stable

Spot free

Benefits

Suitable for pretreatment & dyeing
of cotton

Suitable for jet, soft flow
machines and package dyeing machines

Does not lead to silicone spots
hence, not value loss

General Characteristics

Physical appearance : White viscous emulsion

Ionic Nature : Nonionic to anionic

pH of 1% solution : 6 +/- 1

Miscibility : Miscible with water

compatibility : Compatible with anionic and nonionic
products

Stability : Stable to dilute acids & dilute alkalies

Application

Sarasil-JS (Conc) is stable to high alkaline pH and at elevated temperature. Prepare 2% emulsion of Sarasil-JS (Conc) in soft water. Depending upon the requirement 0.1-0.3 g/l of Sarasil-JS (Conc) can be used.

Note: 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 and turbo stirrer.



Sarex Overseas
(A Divn. Of Saraf Chemicals Ltd.)

502 Waterford C Wing, C.D.Bariwala Marg(Juhu Lane), Andheri (W), Mumbai-400 058. INDIA

Phone: (91-22) 4218 4218

Fax : (91-22) 4218 4350

Email : sales@sarex.com

URL : www.sarex.com

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Instructions For Dilution

Procedure to make 5% Sarasil-JS (Conc)

In a clean SS vessel take 86.5 parts of DM water heated to 45-50 deg.C. Add one part Xanthan gum gradually with continuous stirring using paddle stirrer at 200-300 rpm till you get homogenous paste of consistent viscosity. It may take 35-45 min. of stirring with paddle stirrer. If turbo stirrer is available, 15-20 min stirring at 1500-2000 rpm can give paste with uniform viscosity. To this paste add gradually 12.5 parts Sarasil-JS (Conc) with constant stirring over 15-20 min & continue stirring for further 20-30 min till uniform dilution is obtained.

Filter through nylon bolting cloth of 200 mesh size & discard residues if any.

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 formation.

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.