



**Sarex Overseas**

(A Divn. Of Saraf Chemicals Ltd.)

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## PRODUCT LITERATURE

### SARADEFOAM

#### Product Information

Saradefoam is a 100% active, non-silicone defoamer designed for all textile processing operations, i.e. sizing, desizing, scouring, bleaching, dyeing, printing, coating, etc. where foam control is essential. It may be used in jets, overflow dyeing machines, package dyeing machines, winches, jiggers and printing machines. Saradefoam does not lead to any objectionable build-up on equipments or substrate.

#### Key Features & Benefits

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Silicone free

Versatile

Nonionic

##### Benefits

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Freedom from silicone spots & value loss

Can be added in pretreatment, dyeing and printing

Good compatibility with existing recipes

#### General Characteristics

Physical appearance : Straw white to light amber viscous liquid.

Ionic Nature : Nonionic

pH of 1% solution : 6 +/- 1

Miscibility : Miscible in water, gives whitish emulsion

Compatibility : Compatible with anionic, cationic and non-ionic products.

Stability : Stable to dilute acids & dilute alkalies. Saradefoam has a tendency to separate on standing. Stir well before use.

#### Application

0.5-1 g/l Saradefoam can be added in the bath to suppress the foam generated during the process.

Saradefoam has excellent bath stability and compatibility with all ingredients in dyeing and printing.



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It also eliminates foam build-up during cooling down phase on HT jet and overflow machines.

NOTE: 10% emulsion of Saradefoam to be prepared and to be added to the machine under constant stirring. If 10% stock emulsion is made, it may show separation therefore stock emulsion is to be kept under constant stirring. On stirring emulsion homogenises without losing its efficiency.

#### Instructions For Dilution

Procedure to make 10% of Saradefoam

Add gradually 10 parts of Saradefoam to 90 parts DM water at 25-30 deg.C, pH adjusted to 5-5.5 using acetic acid. Use Impeller type stirrer at 200-300 rpm. Diluted emulsion of Saradefoam is kept under constant stirring to avoid separation.

If any separation is noticed in diluted Saradefoam, stir again for homogenisation and use as a defoamer in processing. 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.