



# Sarex Chemicals

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

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## PRODUCT LITERATURE

### DEFOAMER-50

#### Product Information

Defoamer-50 is a 50% active silicone defoamer designed for all textile processing operations where foam control becomes essential. It can be used in jets, overflow dyeing machines, package dyeing machines, winches, jiggers and printing machines. Defoamer-50 is stable at high shear, wide pH range and wide temperature conditions. Defoamer-50 does not lead to any objectionable build-up on equipment's or substrate.

#### Key Features & Benefits

##### Key Features

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Stable to alkaline pH(pH 12),  
high temperature (100°C)

Shear stable

Spot free

##### Benefits

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Suitable for pretreatment & dyeing of cotton.

Can be added in chemical padding to avoid foam marks in continuous dyeing with vat dyes

Suitable for jet, soft flow machines and package dyeing machines

Does not lead to silicone spots

#### General Characteristics

Physical appearance : White Liquid

Ionic nature : Anionic

pH of 1% solution : 7 +/- 1

Miscibility : Miscible in water

compatibility : Compatible with anionic and nonionic products

Stability : Stable to dilute acids and dilute alkalies

#### Application

Defoamer-50 is stable to high alkaline pH and at elevated temperature. Depending upon the requirement 0.5-1.0 g/l Defoamer-50 can be used.

Note:

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1. Defoamer-50 is a surfactant free dispersion, stabilised



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#### Note :

1. Defoamer-50 is a surfactant free dispersion, stabilized with protective colloids and hence its dispersions appears non-homogeneous. However, such products should ideally not diluted to stock solutions, but diluted immediately before use.
2. For preparing stock solution small quantity of Xanthan gum (0.3-0.4% on weight of stock solution) or synthetic thickener is recommended.
3. Defoamer-50 is not advisable to use in HTHP machines and hence cannot be used in polyester dyeing.

#### 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.

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