



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	Benefits
----- Stable to alkaline pH, high temperature	----- Suitable for pretreatment & dyeing of cotton. Can be added in chemical padding to avoid foam marks in continuous dyeing with vat dyes
Shear stable	Suitable for jet, soft flow machines and package dyeing machines
Spot free	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:

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



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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 high temperature /high pressure 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]
[Prod.Code :L010745 | Last Upd. On : 11/06/24] [PVR]

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