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Technical Information

GAMADEFOAM

PRODUCT INFORMATION

Gamadefoam 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. Gamadefoam does not lead to any objectionable build-up on equipment's or substrate.

KEY FEATURES & BENEFITS

Key Features

Benefits

Silicone free

Freedom from silicone spots & value loss

Versatile

Can be added in pretreatment, dyeing and printing

Nonionic

Good compatibility with existing recipes

GENERAL CHARACTERISTICS

Physical appearance : 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. Gamadefoam has a tendency to separate on standing. Kindly stir well before use.

APPLICATION

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

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

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

NOTE: Please prepare 10% emulsion of Gamadefoam and add 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

Add gradually 10 parts of Gamadefoam to DM water at 25-30 deg.C, pH adjusted to 5-5.5 using acetic acid. Use Impeller type stirrer at 30-50 rpm. Diluted emulsion of Gamadefoam is kept under constant stirring to avoid separation. If any separation is noticed in stock solution of diluted Gamadefoam, stir again for homogenisation and use as a defoamer in processing.