

TECHNICAL BULLETIN



19 Motivation Dve Wangara, WA, 6065 AUSTRALIA
T +61 8 9302 4000 | FREE 1800 999 196 | F +61 8 9302 5000

DEFOAM FG

SILICONE-FREE FOOD GRADE DEFOAMER

MATERIAL & FUNCTION

DEFOAM FG is a combination of special nonionic emulsifiers, metallic soaps and hydrocarbon oil.

It is a silicone free de-aerating and de-foaming agent for fast knockdown and long lasting antifoam effect, especially suitable for application in high turbulence type machinery.

PROPERTIES

Appearance: Off white /pale yellow emulsion with mild odour.

Density@25oC: 0.85 - 0.87 g/cm³.

pH 10% solution:6.0 – 7.0

Viscosity @25oC: 500 - 1000 cPs (Brookfield RVF Spindle 2 20 rpm)

De-foaming and de-aerating capacity.

Slightly emulsifiable in water

APPLICATIONS

The ingredients used in DEFOAM FG meets the food additives regulations published in CFR 21:

- 176.200 - Defoaming agents used in coatings
- 176.210 - Defoaming agents used in the manufacture of Paper and Paperboard
- 176.170 - Components of Paper and Paperboard in contact with aqueous and fatty foods
- 176.180 - Components of Paper and Paperboard in contact with dry foods
- 175.105 - Adhesives

DEFOAM FG is a silicone free de-foaming agent, designed especially for application in paints, inks, adhesives, polymers and wax emulsions. DEFOAM FG is has an excellent de-aerating and de-foaming effect in the above applications.

DIRECTIONS FOR USE

Applied in pre-running, DEFOAM FG prevents the development of foam by other auxiliaries included in polymer emulsions.

DEFOAM FG is applicable on all types of dispersing machinery. The de-aerating influence of the product removes air trapped inside thickened emulsions as well as destroying generated foam.

An application quantity of 0.3 – 1.5 g/L DEFOAM FG is recommended depending upon the machinery, application involved and amount of foam generators included in the batch.

SAFE HANDLING PRACTICES

When working with chemicals, protective clothing should be worn at all times. This equipment should include impervious gloves, goggles and protective clothing.

Product extremely slippery when spilt. Clean up spills immediately wearing relevant safety equipment. Avoid residues being washed into drains or waterways. Contain by bunding and soak up residues with sawdust/sand/vermiculite then collect and seal in authorised containers for disposal by relevant approved company

PACKAGING

900kg IBC; 180kg plastic drums; 22kg plastic carboys.

IMPORTANT NOTICE TO CUSTOMER

*Since the use of this product is beyond the control of either seller or manufacturer, their only obligation shall be to replace any quantity of product which is proven defective. They cannot assume any risk or liability in excess of the purchase price of the product itself, which does not include labour or any consequential damages resulting from the use of this product. Determining the suitability of this product for any intended use shall be solely the responsibility of the user. **ALWAYS TEST FIRST.***

[F:\TECHBULL\BLANK.DOC](#).