

FOAM DOWN FG

Food-Grade, Kosher, Non-silicone defoamer

Product and Regulatory Information

FOAM DOWN FG is a water-based, non-silicone antifoam emulsion designed for foam control in aqueous systems where silicone is not desired or tolerable. FOAM DOWN FG is useful for a variety of applications including defoaming in the food processing and electronics industries, and wastewater systems. FOAM DOWN FG is also useful as a direct additive for applications such as wash water for sliced potatoes and for the processing of beet sugar and yeast. FOAM DOWN FG may also be useful as an antifoam for the suppression of foam within many oil in water emulsions.

FOAM DOWN FG is an oil-in-water emulsion of a fine grade white mineral oil conforming to 21 CFR 172.878, utilizes only food-grade, non-ionic emulsifiers and contains only ingredients that are recognized by qualified experts as safe in food products according to the Code of Federal Regulations, Title 21, Part 173.340. It may therefore be safely used as a direct food additive in an amount not to exceed that reasonably required to inhibit foaming. As a food processing aid, FOAM DOWN FG is considered a 'secondary direct food additive' and imparts no flavor, odor, or function attributes to food. FOAM DOWN FG is also widely used as an indirect food additive for treating, packaging, transporting, or holding food; and is approved for the manufacture of paper and paperboard per 21 CFR 176.170, 176.180, and 176.210. Please refer to the Code of Federal Regulations for further clarification on your application.

Application and Usage Guidelines

To control foam, the recommended method of application is to add FOAM DOWN FG directly to the foaming product, process, or problem area. Pre-diluted dispersions of FOAM DOWN FG are difficult to maintain and are not stable, therefore we do not recommend them. Do not add water directly to FOAM DOWN FG and store the product in this manner: product stability may be compromised. As each foaming problem is unique and requires varying levels of antifoam, we recommend an evaluation to determine the minimum effective level of FOAM DOWN FG required for your process. A good starting point is approximately 0.2-0.5% by weight in an aqueous system or emulsion. As with any defoamer, thorough testing should always be conducted to determine the suitability and compatibility of the antifoam with the foaming system and processing equipment.

Storage

FOAM DOWN FG antifoam is stable and long lasting; nevertheless, the product should be protected from freezing and prolonged exposure to direct sources of heat, moisture, and sunlight. Should FOAM DOWN FG

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freeze, thaw the product at room temperature with the container closed and gently stir once thawed. A slight change in appearance may result from excessive freeze/thaw cycles, but performance will not be affected. Storage temperatures at or below room temperature are preferred, but not necessary. FOAM DOWN FG antifoam emulsion is ultimately a perishable commodity and should be afforded an equivalent level of care. Use the product in a timely fashion after initially opening the container, and close tightly after use. Camco Chemical Co. Inc. recommends that FOAM DOWN FG be used within 6 months to a year.

Packaging and Properties

FOAM DOWN FG is available in drums, totes, and bulk. Typical properties including the following:

PH	- @ 7.4 at 5% in water
Viscosity	- Very pourable, `1000 cps
Solubility in water	- Moderately dispersible
Specific gravity	- @ 0.955
Appearance	- Creamy white emulsion

Limited Warranty – Please Read Carefully

The information contained herein is believed to be reliable; however, for any given application, it is the singular responsibility of the end-user to test and assess the antifoam in a thorough manner for the applicability, efficacy, performance, and safety. Camco Chemical's sole warranty is that the antifoam, as supplied at the time of shipment, will meet the specifications described on the certificate of analysis. All other warranties, expressed or implied, are disclaimed by Camco Chemical, including the merchantability and of fitness for use. Camco Chemical's sole liability and your sole requital is limited to refund of the purchase price or replacement of any antifoam explicitly shown to be other than as warranted. Camco Chemical expressly disclaims any liability for any incidental or consequential damages resulting from the use of this product, or the inability to hygienically use, transfer, or properly store this product.



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