

TRAMFLOC, INC.

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Technical Information Bulletin

TRAMFLOC® 20177 ANTIFOAM

Description

Tramfloc® 20177 Antifoam is a high performance water-based fatty alcohol defoamer formulated to provide excellent control of entrained air and surface foam in a variety of industrial applications.

Theory

Tramfloc® 20177 Antifoam contains a balanced proprietary blend of hydrophobic particles and surfactants that penetrate the foam lamella, causing rapid drainage of the thin film and foam destabilization. This formulation exhibits special efficacy in polyvinyl alcohol applications.

Benefits

Tramfloc® 20177 Antifoam demonstrates superior cost effectiveness over other conventional water-based antifoams while improving formation and drainage.

Application

Tramfloc® 20177 Antifoam is a free-flowing liquid and may be introduced to the process directly from the container, may be injected into a water dilution line, or applied via a 'knock-down spray' application system. Common application rates of 5-50 ppm and application just prior to problem area may vary depending on process conditions. The quantity of antifoam agent or agents added during the manufacturing process should not exceed the amount necessary to accomplish the intended technical effect.

Typical Properties

Appearance: White Fluid Emulsion
Density, Pounds/Gallon: 8.20
Brookfield Viscosity @80° F: 900 cps
Solubility in Water: Dispersible

Packaging

Tramfloc® 20177 Antifoam is available in bulk quantities, in 275 gallon IBC totes (2200#), 55 gallon plastic drum (440#), and 5 gallon pails (40#). Samples and other forms of packaging are available upon request.

Storage and Handling

Refer to the SDS prior to handling this material. This product should be stored in a cool, dry, well-ventilated area away from direct heat, sources of ignition, and incompatibles.

Regulatory Information

The components of Tramfloc® 20177 Antifoam comply with the criteria established in FDA regulation 21 CFR 176.210, governing the use of antifoam agents in the manufacture of paper and paperboard intended for food contact. This product also meets the criteria for 40 CFR 136.3.

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