

TRAMFLOC, INC.

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Technical Information Bulletin

TRAMFLOC® 1144 FOAM CONTROL AGENT

Product Description

Tramfloc® 1144 is a food-grade defoamer designed to control foam in various food processes especially protein and carbohydrate media. Tramfloc® 1144 complies with 21 CFR 173.340 (a) (2). According to this regulation, different foods have specific limitations. Tramfloc® 1144 was specifically designed to be used in food systems which experience foam formation due the presence of fats, oils, protein, sugars and other process ingredients. Tramfloc® 1144 is certified as Kosher. There are no animal products used to manufacture of Tramfloc® 1144. Tramfloc® 1144 is considered membrane safe for use on UF membrane systems. Tramfloc® 1144 is used in potato, egg, dairy and other vegetable and other food processing operations. This formulation is useful in controlling foam in food systems at relatively low rates.

Properties

Tramfloc® 1144 has an appearance of an opaque white liquid. It is dispersible in water and has a density of 8.00 lbs per gallon. The formulation's flash point is >400° F.

Uses

Tramfloc® 1144 is used for the following applications: potato processing, starch recovery, sugar processing, and vegetable processing. Stirring is recommended prior to use of this product. In the production of foods, a starting dose of 60 to 200 ppm is recommended. The dosage should be adjusted to achieve the desired level of foam control. It is recommended that the maximum use level of Tramfloc® 1144 in processed foods should not exceed that which is deemed necessary to control foam in the process. Tramfloc® 1144 should be added as received via metering system early in the foaming process to prevent foam formulation.

Safety and Health

Wash exposed areas with soap and water. Flush eyes with water for a minimum of 15 minutes. If irritation or nausea persists, seek medical attention. If inhalation occurs, move victim to fresh air. If unconscious, administer artificial respiration and seek medical attention.

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