

TRAMFLOC, INC.

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Technical Information Bulletin

TRAMFLOC® 1175 FOAM CONTROL AGENT

Product Description

Tramfloc® 1175 is a food-grade silicone emulsion antifoam designed to control foam in various food processes. The formulation is thermally stable even in autoclaving. Tramfloc® 1175 complies with 21 CFR 173.340. Tramfloc® 1175 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® 1175 is certified as Kosher and Pareve. There are no animal products used to manufacture of Tramfloc® 1175. Ingredients are approved vegetable based active agents, vegetable oils, and silica. This formulation is useful in controlling foam in food systems at relatively low rates. Tramfloc® 1175 may be used in Clean In Process (CIP) solutions. Tramfloc® 1175 is especially effective in dairy applications.

Properties

Tramfloc® 1175 has an appearance of an opaque, pale amber liquid. It is dispersable in water and has a density of 8.27 lbs. per gallon. The formulation's flash point is >400° F.

Uses

Tramfloc® 1175 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 100 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® 1175 in processed foods should not exceed that which is deemed necessary to control foam in the process. Tramfloc® 1175 should be added neat via metering system directly to the foaming medium at a point prior to foam generation. Tramfloc® 1175 may not be used in whole milk for direct human consumption but may be used in other processed dairy products. Limit usage so that no more than 100 ppm of Tramfloc® 1175 is present in the finished food product. In CIP systems, use 1-3 ounces of Tramfloc® 1175 per 100 gallons of CIP solution, rinse with potable water and then sanitize accordingly.

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.

Packaging

Tramfloc® 1175 is available in 450# drums, 2600# fiber totes, tank wagons and tank cars.

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