

TRAMFLOC, INC.

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Technical Information Bulletin

TRAMFLOC® 1120 FOAM CONTROL AGENT

Product Description

Tramfloc®1120 is a food-grade nonionic defoamer designed to control foam in various food and industrial processes. Tramfloc®1120 complies with 21 CFR 173.340 and is GRAS. According to this regulation, different foods have specific limitations. Tramfloc®1120 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®1120 is certified as Kosher. There are no animal products used to manufacture of Tramfloc®1120. This formulation is useful in controlling foam in food systems at relatively low rates.

Properties

Tramfloc®1120 has an appearance of an opaque amber liquid. It is dispersable in water and has a density of 7.9 lbs per gallon. The formulation's flash point is >400° F. The formulations contains edible oil, hydrophobic silica and surfactants listed in the CFR.

Uses

Tramfloc®1120 is used for the following applications: potato processing, starch recovery, sugar processing, protein, carbohydrate media and vegetable processing. Tramfloc®1120 is also used to control form in both trona mining and the evaporation phase of soda ash processing. Stirring is recommended prior to use of this product. In the production of foods, a starting dose of 30 to 120 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®1120 in processed foods should not exceed that which is deemed necessary to control foam in the process. Tramfloc®1120 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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