

# TRAMFLOC, INC.

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## Technical Information Bulletin

### TRAMFLOC® 1133 FOAM CONTROL AGENT

#### *Product Description*

Tramfloc® 1133 is a block copolymer of polyoxyethylene and polyoxypropylene (EO/PO) designed to control foam in various food and industrial processes. Tramfloc® 1133 complies with 21 CFR 172.808 (3). According to this regulation, different foods have specific limitations. Tramfloc® 1133 was specifically designed to be used in oil processing operations, mechanical dishwashing, surface cleaning and other industrial applications. Tramfloc® 1133 is effective in food systems which experience foam formation due the presence of fats, oils, protein, sugars and other process ingredients. This formulation is useful in controlling foam at relatively low rates.

#### *Properties*

Tramfloc® 1133 has an appearance of a clear liquid. It is dispersable in water and has a density of 8.42 lbs. per gallon. The formulation's flash point is >400° F.

#### *Uses*

Tramfloc® 1133 is used for the following applications: acid production, petroleum refining, tailings treatment, general industrial waste and process systems and paper manufacturing. Stirring is recommended prior to use of this product. 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® 1133 should not exceed that which is deemed necessary to control foam in the process. Tramfloc® 1133 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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