

TRAMFLOC, INC.

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Technical Information Bulletin

TRAMFLOC® 1123 FOAM CONTROL AGENT

Product Description

Tramfloc®1123 is a polyol based designed to control foam in metal working systems. Tramfloc®1123 was specifically formulated to have long lasting effectiveness in both synthetic and semi-synthetic coolants and cutting fluids. The formulation is also effective in certain adhesive and coating formulations. This formulation is useful in controlling foam at relatively low rates. The ingredients of Tramfloc®1123 comply with 21 CFR 175.105 and 300, 176.170, 180 and 200. Tramfloc®1123 may be used in paper and adhesive which contact food.

Properties

Tramfloc®1123 has an appearance of an opaque amber liquid. It emulsifies in water and has a density of 7.31 lbs. per gallon. The formulation's flash point is >330° F.

Uses

Tramfloc®1123 is used primarily for the control of foam in metal working environments in which alloys are cut, tooled and formed with the aid of coolants. They may be water or oil soluble and may be of natural or synthetic origin. Tramfloc®1123 will not plate onto metal parts. This formulation may be charged to either neat or diluted coolants. Tramfloc®1123 will not separate or oil out of the coolants. Tramfloc®1123 is effective in the 0.1-0.5% dosage range based upon the level and formulation of the base coolant or upon the adhesive or coating formulation. Tramfloc®1123 resists haze formation in most coolants. If a haze forms, Tramfloc®1123 performance will not be affected. The dosage should be adjusted to achieve the desired level of foam control. Tramfloc®1123 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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