

# TRAMFLOC, INC.

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## Technical Information Bulletin

### TRAMFLOC® 4009 DEFOAMER/ANTIFOAM

#### Product Description

Tramfloc® 4009 is a 100% active blend of ingredients especially designed for use in controlling foam in trona processing. Tramfloc® exhibits excellent stability and performance efficacy in many waste and process applications where foaming conditions and blankets should be avoided. This Tramfloc formulation is manufactured under strictly sanitary conditions and uses high quality food grade feed stocks. This product is carefully formulated so that it resists degradation. Tramfloc® 4009 is completely water soluble and should be applied wherever foam presents an esthetic or operational problem or regulatory violation possibility.

#### Uses

Tramfloc® 4009 effectively disperses foam columns and blankets without producing a sheen of the reagent on the process flow or wastewater outfall surface. The correct application of Tramfloc® 4009 can result in more effective operation of laser, ultrasonic, and mechanically operated level devices, more pleasing esthetic conditions, better visibility of reaction vessel activity, reduced fouling, reduced cay-over of total suspended solids, and cleaner systems. Tramfloc® 4009 is in compliance with 21 CFR 176.200-10 and 40 CFR 180.1001. The formulation is a very stable product, yet it releases its silicone very rapidly when charged to the foaming media.

#### Feeding

It is recommended that the product be fed continuously at a low dosage to a point in the system prior to the generation of the foaming condition. The foam preventive activity of Tramfloc® 4009 will allow for the most economical dosage. The formulation is stable in acidic, neutral and alkaline aqueous systems.

#### Packaging

Tramfloc® 4009 is available in 450# net weight drums, 2600# tote bins, tank wagons and, rail cars.

#### Handling and Storage

Closed containers of Tramfloc® 4009 store well for six months in a cool, dry place.

#### Safety and Health

Spills of this chemical are slippery. Precautions should be taken to prevent them from entering lakes or streams. Chemical can be flushed with copious amounts of water and disposed of according to local regulations or treated with an absorbent material, then collected for subsequent legal disposal. Always wear protective safety equipment and prevent contact of chemical with skins, eyes, and clothing. Observing basic industrial hygiene precautions should prevent any health or safety hazards.

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