

# TRAMFLOC, INC.

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Technical Information Bulletin

## TRAMFLOC® 1146A WASTEWATER ANTIFOAM

### Product Description

Tramfloc® 1146A is a silicone emulsion antifoam which is active over a wide pH range and this formulation has been developed especially for industrial wastewater treatment. Tramfloc® 1146A also contains a nonionic emulsifier with 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® 1146A is completely water dispersible and should be applied wherever foam presents an esthetic or operational problem or regulatory violation possibility. Product is stable in autoclaving. Tramfloc® 1146A is especially effective in controlling chemically induced foam generated by surfactants.

### Uses

Tramfloc® 1146A 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® 1146A 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 carry-over of total suspended solids, CIP solutions and cleaner systems. Tramfloc® 1146A is in compliance with 21 CFR 176.170, 176.180, 176.210, 173.340 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. Even if the waste stream changes in composition, Tramfloc® 1146A will still perform effectively. Tramfloc® 1146A is non-toxic to aquatic plants and animals.

### 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® 1146A will allow for the most economical dosage. The formulation is stable in acidic, neutral and alkaline aqueous systems.

### Packaging

Tramfloc® 1146A is available in 450# net weight drums, 2600# tote bins, tank wagons and, rail cars.

### Handling and Storage

Closed containers of Tramfloc® 1146A 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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