

TRAMFLOC, INC.

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Technical Information Bulletin

TRAMFLOC® 1184 FOAM CONTROL AGENT

Product Description

Tramfloc® 1184 is a 100% active silicone fluid with a 350 cPs viscosity. There are various viscosities available in this fluid group whose product number suffix indicates viscosity. This Tramfloc formulation is manufactured under strictly sanitary conditions and uses high quality feed stock. This product is also called a Dimethyl Fluid or Dimethicone. It is used as fiber and thread lubricants, mold release agents, antiblocking paper treatments in the 5 to 5000 cSt viscosity range. Tramfloc® Dimethicones are excellent lubricants for rubber and plastic parts, are used in formulating furniture polish, hand creams and lotions, dielectric and damping media, fluid drives, calibration baths, and sonar transducers. Higher viscosity Tramfloc® Dimethicones in the 5000-100000 cSt range are used as mold release agents and antifoams in nonaqueous petroleum processes.

Uses

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Solubility

Tramfloc® Dimethyl Fluids are nonpolar and insoluble in water or lower alcohols. Tramfloc® Dimethicones are completely miscible in aliphatic and aromatic solvents, however, the products are only partially soluble in intermediate petroleum fractions. Tramfloc® Dimethicones are insoluble in higher hydrocarbons, lube oils, waxes, fatty acids, and in vegetable and animal oils.

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® 1184 will allow for the most economical dosage. The formulation is stable in acidic, neutral and alkaline aqueous systems.

Packaging

Tramfloc® 1184 is available in 460# net weight drums, 2600# tote bins, tank wagons and tank cars.

Handling and Storage

Closed containers of Tramfloc® 1184 store well for one year 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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