

TRAMFLOC, INC.

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Technical Information Bulletin

Tramfloc[®] 1027 Struvite Dispersant

Product Description

Tramfloc[®] 1027 is a copolymer of acrylic and sulfonic acids in a partially neutralized form especially formulated to prevent and remove Struvite and other mineral scale deposits commonly found in wastewater treatment plant equipment. Struvite, $MgNH_4PO_4 \cdot 6H_2O$, frequently develops in anaerobic digesters when the solubility of its constituents exceeds saturation levels. Tramfloc[®] 1027 is supplied as a stable, low viscosity solution. Tramfloc[®] 1027 is completely water soluble, biodegradable and is safe to use.

Uses

Tramfloc[®] 1027 is used to increase wastewater plant sludge productions. Tramfloc[®] 1027 is used as an antiscalant in municipal and industrial wastewater treatment operations. Tramfloc[®] 1027 will help prevent scale deposition such as Struvite. Tramfloc[®] 1027 is dosed at 25 ppm which is a 40000:1 dilution with clean water. Tramfloc[®] 1027 has been shown to be more effective and safer alternative to apply than inorganic salts.

Make-Down

It is recommended that Tramfloc[®] 1027 be fed directly to the affected plant process to be treated.

Packaging

Tramfloc[®] 1027 is available in 2650# totes and 525# net weight drums and in bulk.

Handling and Storage

Tramfloc[®] 1027 should be stored in a cool, dry place. Empty drums should be disposed of according to local regulations.

Safety and Health

Spills of this product are extremely slippery. Precautions should be taken to prevent them from entering lakes or streams. Tramfloc[®] 1027 has been shown to exhibit a low order of toxicity. Nevertheless, precaution should be taken to prevent inhalation, ingestion or contact with skin or eyes. Observing basic industrial hygiene precautions should prevent any health or safety hazards.

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