

TRAMFLOC, INC.

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Technical Information Bulletin

Tramfloc® 307 CATIONIC FLOCCULANT & DEWATERING AGENT

Product Description

Tramfloc® 307 is a cationic polyacrylamide of moderate molecular weight and charge density. Tramfloc® 307 is supplied as a stable, high density emulsion. Tramfloc® 307 is completely water soluble and produce high viscosity solutions at very low concentrations. Tramfloc® 307 is used as a general flocculant and dewatering agent in a variety of industrial, mining, paper making and municipal operations.

Uses

Tramfloc® 307 is used for precipitating fines in rock, gravel and quarrying operations. Tramfloc® 307 is used alone or with primary coagulants for clarification.

Make-Down

It is recommended that stock solutions, 0.2-0.5%, be prepared from which feed solutions, 0.05-0.1%, are then made.

Packaging

Tramfloc® 307 is available in drums and in bulk.

Handling and Storage

Polymer solutions should be made-down and diluted in stainless steel, FRP or plastic vessels. Amphoteric metallic components should be avoided. Make-down water temperatures should be between 60-85⁰F. Tramfloc® 307 should be stored in a cool, dry place.

Safety and Health

Spills of polymer are extremely slippery. Precautions should be taken to prevent them from entering lakes or streams. Tramfloc® Polymer Cleaner 348 can be used to remove residue from equipment and floors. Polymer 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. Tramfloc® products have 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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