

TRAMFLOC, INC.

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Technical Information Bulletin

TRAMFLOC® 312 CATIONIC FLOCCULANT & DEWATERING AGENT

Product Description

Tramfloc® 312 is a cationic polyacrylamide of moderate molecular weight and charge density. Tramfloc® 312 is supplied as a stable, high density emulsion with more than 50% non-volatile solids. Tramfloc® 312 is completely water soluble and produce high viscosity solutions at very low concentrations. Tramfloc® 312 is used as a general flocculant and dewatering agent in a variety of industrial, mining, paper making and municipal operations. Tramfloc® 312's high polyacrylamide content makes this formulation extremely economical to apply compared to lower solids' emulsions.

Uses

Tramfloc® 312 is used alone or with primary coagulants for clarification and sludge dewatering.

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 and Physical Properties

Tramfloc® 312 is available in 25 kgs pails, 205 kgs drums, 1050 kgs IBC's and in bulk. Shelf life is 6 months, bulk viscosity ranges from 500-2000 cps, approximate viscosity is about 1250 cps,

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 60-85°F. Tramfloc® 312 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.