

TRAMFLOC, INC.

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Technical Information Bulletin

Tramfloc® 319 CATIONIC FLOCCULANT

Product Description

Tramfloc® 319 is a high molecular weight and highly charged cationic, solution polymer. Tramfloc® 319 has unique structural architecture. Tramfloc® 319, a true solution and is a copolymer of ACM and ADAM/MeCL monomers, is completely water soluble and produces high viscosity solutions at very low concentrations. Tramfloc® 319 is used as a flocculant and dewatering agent in a variety of industrial, mining, paper making and municipal operations.

Uses

Tramfloc® 319 is used for conditioning primary and secondary digested sludges to aid in dewatering. Tramfloc® 319 is used alone or with primary coagulants for clarification.

Make-Down

It is recommended that stock solutions, 0.1-0.5%, be prepared from neat formulation. Neat bulk viscosity ranges from 25000-40000 cps.

Packaging

Tramfloc® 319 is available in 450# net weight 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 60-85⁰ F. Tramfloc® 319 should be stored in a cool, dry place at temperatures between 5 and 30⁰ C. Shelf life is six months.

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® 319 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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