

TRAMFLOC, INC.

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Technical Information Bulletin

Tramfloc® 153 NONIONIC FLOCCULANT

Product Description

Tramfloc® 153 is a nonionic polyacrylamide of very high molecular weight. Tramfloc® 153 is supplied as stable, high density emulsion. Tramfloc® 153 is completely water soluble and produces high viscosity solutions at very low concentrations. Tramfloc® 153 is used as general flocculant in a variety of industrial, mining, paper making and municipal sewage operations and is potable grade.

Uses

Tramfloc® 153 can be used for conditioning primary and secondary digested sludge to aid in dewatering. Tramfloc® 153 can be 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® 153 is available in drums, IBC's 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 60-85° F. Tramfloc® 153 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® 153 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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