

# TRAMFLOC, INC.

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## Technical Information Bulletin

### TRAMFLOC® 181 ANIONIC FLOCCULANT

#### ***Product Description***

Tramfloc® 181 is an anionic polyacrylamide of high molecular weight and very high charge density. Tramfloc® 181 is supplied as a granular powder. Tramfloc® 181 is completely water soluble and produces high viscosity solutions at very low concentrations. Tramfloc® 181 is used as a general flocculant.

#### ***Uses***

Tramfloc® 181 is used as a floc builder and after the addition of poly DADMAC or epiamine coagulants and is used alone or with primary coagulants for clarification, DAF/IAF, mineral applications, alumina processing and phosphate and multivalent metal salt removal.

#### ***Make-Down***

It is recommended that stock solutions, 0.1-0.25%, be prepared from which further dilutions can be made.

#### ***Packaging***

Tramfloc® 181 is available in 55.1# triple walled sacks packed 40 per pallet and in SuperSaks™.

#### ***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 40-145° F. Unopened bags are hygroscopic and should be stored in a cool, dry place.

#### ***Safety and Health***

Dry polymer spills should be left dry and swept up at once. Spills of solutions 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® 181 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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