

TRAMFLOC, INC.

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Technical Information Bulletin

TRAMFLOC® 160 ANIONIC FLOCCULANT

Product Description

Tramfloc® 160 is an anionic polyacrylamide of ultra high molecular weight and moderate charge density. Tramfloc® 160 is supplied as a granular powder. Tramfloc® 160 is completely water soluble and produces high viscosity solutions at very low concentrations. Tramfloc® 160 is used as a general flocculant.

Uses

Tramfloc® 160 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, and phosphate and multivalent metal salt removal. Because Tramfloc® 160 is a GRAS material and NSF® certified for potable water treatment, it is suitable for and effective in cane and beet juice clarification applications.

Make-Down

It is recommended that stock solutions, 0.25-0.50%, be prepared from which further dilutions can be made.

Packaging

Tramfloc® 160 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® 160 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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