

TRAMFLOC, INC.

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Technical Information Bulletin

TRAMFLOC® 173SUG ANIONIC FLOCCULANT

Product Description

Tramfloc® 173SUG is an anionic polyacrylamide of medium molecular weight and moderate charge density. Tramfloc® 173SUG is supplied as a granular powder. Tramfloc® 173SUG is completely water soluble and produces high viscosity solutions at very low concentrations. Tramfloc® 173SUG is used as a clarifier for sugar beet and sugar cane juice purification.

Uses

Tramfloc® 173SUG 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. Tramfloc® 173SUG is considered GRAS and is approved for use in various food applications. In sugar juice clarification Tramfloc® 173SUG precipitates contaminants and reduces color to help produce a final product more pleasing to the food processor.

Make-Down

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

Packaging

Tramfloc® 173SUG is available in 55# triple walled sacks packed 40 per pallet and in 750 kgs sacks.

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. 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® 173SUG 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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