

TRAMFLOC, INC.

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Technical Information Bulletin

TRAMFLOC® 104 ANIONIC FLOCCULANT FOR SUGAR CANE JUICE

Product Description

Tramfloc® 104 is a high molecular weight anionic polyacrylamide. Tramfloc® 104 is supplied as a granular powder and is completely water soluble and produces high viscosity solutions at very low concentrations. Tramfloc® 104 is NSF® approved for potable water treatment and certified organic for sugar cane and beet juice clarification.

Uses

Tramfloc® 104 is made from a USDA food grade material and is used as a floc builder and after the addition of polydadmac or epiamine coagulants. Tramfloc® 104 is used alone or with primary coagulants for DAF/IAF, cane mill, food plant and juice filtering, clarification and dewatering applications. Tramfloc® 104 deals effectively with differing conditions of soil, climate, sunshine and rainfall.

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. Tramfloc® 104 is potable water grade.

Packaging

Tramfloc® 104 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 60-85° F. Unopened bags are hygroscopic and should be stored in a cool, dry place.

Safety and Health

Animal tests have shown that Tramfloc® 104 is considered to be practically non-toxic. 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. 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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