

TRAMFLOC, INC.

6046 FM 2920 Road, #615, Spring, TX 77379 Voice: 888-929-8973 Fax: 480-383-6895

Technical Information Bulletin

TRAMFLOC® 447 CATIONIC FLOCCULANT

Product Description

Tramfloc® 447 is a low charge and high weight cationic polyacrylamide formulation. Tramfloc® 447 is supplied as a granular powder. Tramfloc® 447 is completely water soluble and produces high viscosity solutions at very low concentrations. Tramfloc® 447 is used as a general flocculant and dewatering agent in municipal operations, tailings thickeners and in various industrial applications. Tramfloc® 447 is NSF certified for potable water treatment.

Uses

Tramfloc® 447 can be used for conditioning primary and secondary, digested sludge and to aid in dewatering. Tramfloc® 447 is used alone or with primary coagulants.

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® 447 is available in 25 kg triple walled bags packed 40 per pallet and in sack^s.

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^o 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® 447 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.

The above data is based upon information Tramfloc, Inc. believes reliable and is supplied for informational purposes only. Tramfloc, Inc. disclaims any liability for damage or injury which results from the use of the above data and nothing contained herein shall constitute a guarantee, warranty (including warranty of merchantability or fitness for a particular purpose) or representation (including freedom from patent liability) by Tramfloc, Inc. with respect to the accuracy or completeness of the data, the product described, or their use for any specific purpose even if that purpose is known to Tramfloc, Inc. The final determination of the suitability of the information, the manner of use of the information or product and potential infringement of patents is the sole responsibility of the user.