

TRAMFLOC, INC.

P. O. Box 350, Tempe, AZ 85280-04350 Voice: 480-491-6895 Fax: 480-456-1664

Technical Information Bulletin

Tramfloc® 307A CATIONIC FLOCCULANT & DEWATERING AGENT

Product Description

Tramfloc® 307A is a high molecular weight, moderately charged cationic polyacrylamide. Tramfloc® 307A is supplied as a stable, high density emulsion. Tramfloc® 307A is completely water soluble and produces high viscosity solutions at very low concentrations. Tramfloc® 307A is used as a flocculant and dewatering agent in a variety of industrial, mining, paper making and municipal operations.

Uses

Tramfloc® 307A is used for conditioning primary and secondary digested sludges to aid in dewatering. Tramfloc® 307A is used alone or with primary coagulants for clarification.

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® 307A is available in 450# net weight drums and in bulk.

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. Tramfloc® 307A should be stored in a cool, dry place.

Safety and Health

Spills of polymer 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® 307A 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.