

# TRAMFLOC, INC.

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

## Technical Information Bulletin

### TRAMFLOC® 109 ANIONIC FLOCCULANT

#### ***Product Description***

Tramfloc® 109 is an anionic polyacrylamide of medium molecular weight and moderate charge density. Tramfloc® 109 is supplied as a stable, high density emulsion. Tramfloc® 109 is completely water soluble and produces high viscosity solutions at very low concentrations. Tramfloc® 109 is used as general flocculant in a variety of industrial, mining, paper making, and municipal operations.

#### ***Uses***

Tramfloc® 109 is used as floc builder and after the addition of poly DMDAC or epiamine coagulants. Tramfloc® 109 is used alone or with primary coagulants for clarification, DAF/IAF, mineral applications, and phosphate and multivalent metal salt removal.

#### ***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® 109 is available in 450# net weight drums, tote bins, 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® 109 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® 109 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.