

# TRAMFLOC, INC.

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

## Technical Information Bulletin

### TRAMFLOC® 738 CATIONIC COAGULANT

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

Tramfloc® 738 is a highly charged and high molecular weight cationic polydadmec formulation. Tramfloc® 738 is supplied as a granular white powder. Tramfloc® 738 is completely water soluble and produces high viscosity solutions at very low concentrations. Tramfloc® 738 is used as a general flocculant, coagulant in mining applications, a processing aid in industrial operations, tailings treatment and in potable water clarification.

#### ***Uses***

Tramfloc® 738 can be used for a variety of industrial applications such as potable water, textiles, mining, oil/gas, paper making, and in hard rock mining. Tramfloc® 738 is used alone or with flocculants or inorganic coagulants such as alum. Tramfloc® 738 can reduce or eliminate Al and Fe based coagulants. Tramfloc® 738 greatly reduces sludge volumes when the formulation replaces inorganic coagulants and the product operates effectively across the full pH range. Tramfloc® 738 is NSF® 60 certified for potable water treatment.

#### ***Make-Down***

It is recommended that stock solutions, 5-10%, be prepared from which feed solutions, 0.1-0.5%, are then made.

#### ***Packaging***

Tramfloc® 738 is available in 55# triple walled bags 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***

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® 738 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.