

TRAMFLOC, INC.

6046 FM 2920 Road #615, Spring, TX 77379-2542 Voice: 888-929-8973 Fax: 480-383-6895

Technical Information Bulletin

TRAMFLOC® 169 RED MUD FLOCCULANT

Product Description

Tramfloc® 169 is an anionic polyacrylamide of very high molecular weight and ultra-high charge density. Tramfloc® 169 is supplied as a granular powder. Tramfloc® 169 is completely water soluble and produces high viscosity solutions at very low concentrations.

Uses

Tramfloc® 169 is used as a bauxite ore beneficiation agent. This flocculant is specifically designed for flocculation of washer muds. Tramfloc® 169 provides faster settling and more effective compaction than regular washer flocculants. It is effective over a wide range of alumina conditions.

Make-Down

It is recommended that stock solutions, 0.1-0.25%, be prepared from which further dilutions can be made.

Packaging

Tramfloc® 169 is available in 25 kgs bags packed 40 per pallet.

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 40-145⁰ 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. 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® 169 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.