

# TRAMFLOC, INC.

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## 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 40-145<sup>0</sup> 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.

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