

TRAMFLOC, INC.

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Technical Information Bulletin

TRAMFLOC® 1040 TABLET FLOCCULANT

Product Description

Tramfloc® 1040 tablet flocculant is a fast release anionic, granular polyacrylamide polymer of very high molecular weight produced as an effervescent tablet. Tramfloc® 1040 is completely water soluble and safe to apply. Tramfloc® 1040 is used to control erosion in agricultural fields, on river banks, on construction slopes, to precipitate solids in muddy water bodies, mineral slurries, mine tailings, and in marble and granite cutting.

Usage Information

Tramfloc® 1040 is designed to dissolve immediately upon contact with water. The product is also used in water clarification and infiltration applications. Tramfloc® 1040 will viscosify water and flocculate fine soil particles, mud, clays and silt rapidly. Tramfloc® 1040 is also applied as a soil conditioner to control soil erosion and application rates will vary with soil type, field slope and water volume in the head ditch. Tramfloc® 1040 tablet flocculant is applied in operations where the traditional emulsion or granular flocculants cannot be effectively applied without excessive costs. Tramfloc® 1040 tablet flocculant clarifies unstable, fine soil particles to clean the water.

Mixing and Dosage

For settling of soil fines, mineral fines or general debris, Tramfloc® 1040 should be dosed at the rate of one tablet to 250 gallons of water will produce a 5 ppm dosage. The product mixes evenly with proper agitation of < 400 rpm and is quite stable. The tablet is of particular importance where capital intensive polymer make down equipment would be impractical to install. Tramfloc® 1040 tablet flocculant does not require expensive dosing systems, can be added to water tanks,

Packaging

Tramfloc® 1040 is available in 44# net weight pails, packed 32 pails/pallet. Each tablet weighs 50 grams and has a 45 mm diameter. There are about 440 tablets per pail.

Handling and Storage

Handle all industrial chemicals with care and consult the material safety data sheet before product use. Tramfloc® 1040 should be stored in a cool, dry place, < 100° F, for up to one year.

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® 1040 has been shown to exhibit a low order of toxicity. Nevertheless, precautions 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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