

TRAMFLOC, INC.

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

Technical Information Bulletin

TRAMFLOC® 129 DUST SUPPRESSANT

Product Description

Tramfloc® 129 is a dust suppressant and soil stabilizer and used as a spray-water encrusting additive to prevent emissions of dust caused by vehicles. The formulation is a granular, anionic, polyacrylamide/polyacrylate copolymer and has been designed to control dust in large applications such as road construction, haul roads, mining and race courses. Tramfloc® 129 is water soluble, biodegradable and safe to apply. Tramfloc® 129 is designed for dust palliative and soil stabilization applications. This formulation is also used with hydroseeding and as a mulch tackifier, and as a sub-base stabilizer and on trails and paths. Tramfloc® 129 benefits include dust reduction, improved road surfaces, reduced watering and road grading, and longer tire life.

Additional Use Information

Tramfloc® 129 provides superior bonding and stabilizing for durable performance. Apply with pressurized spray equipment and allow one day before road use resumes. For a full depth application loosen soil or till to a depth of 4", apply Tramfloc® 129 with pressure sprays. Two applications may be required. Grading followed by rolling and another application of Tramfloc® 129 are recommended. Water cannons, water trucks and hydroseeders may be utilized to apply the product solution. This formulation imparts films with good water resistance properties. Tramfloc® 129 provides flexible yet strong cohesive bonds for a range of materials and particle surface areas.

Mixing, Dosage and Packaging

Tramfloc® 129's recommended dosage will form a mechanically highly resistant and elastic and waterproof coating. The crust will resist truck tire traffic and will remain hard without producing any dust for several weeks. The formulation will reduce treatment costs. Prepare a 0.50% solution by mixing 4 lbs. of product with 100 gallons of water in the application tank and mixing at low speed, < 500 rpm for 15-30 minutes depending upon local conditions. High water pressure will help ensure thorough mixing. Spray 1100-2200 gallons of diluted solution per acre of soil. Two spray passages are recommended in order to form a hard and solid crust. Tramfloc® 129 is available 25 kgs bags packed 40 per pallet.

Handling and Storage

Handle all industrial chemicals with care and consult the material safety data sheet before product use. Tramfloc® 129 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. 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® 129 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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