

TRAMFLOC, INC.

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Technical Information Bulletin

TRAMFLOC® 1050 DUST SUPPRESSANT

Product Description

Tramfloc® 1050 dust suppressant and soil stabilizer is an acrylic copolymer dispersion designed to prevent dust emissions emitted by vehicles. Tramfloc® 1050 is completely water soluble, biodegradable and safe to apply. Tramfloc® 1050 is designed for various applications such as a dust palliative, soil stabilizer for agriculture, trails and paths, road construction, haul roads, embankments, backfills, hydroseeding and as a mulch tackifier. Tramfloc® 1050 benefits include dust reduction, improved road surfaces, reduced watering and road grading, and longer tire life. Tramfloc® 1050 is also an excellent spray water encrusting additive.

Application Information

Tramfloc® 1050 provides superior bonding and stabilizing for durable performance. The recommended dosage will form a solid crust that will resist rain and truck tire wear and reduce treatment costs. The application will stabilize embankments and road berms. Apply with pressurized spray equipment and allow one day before road use resumes. Two spray passages are recommended to form a stable crust. Grading followed by rolling and another light application of Tramfloc® 1050 can be beneficial. Water cannons, water trucks and hydroseeders may be utilized to apply solution. Tramfloc® 1050 offers dust control benefits to operators of mines, quarries, race courses, construction sites and those who experience sandy soil conditions.

Application Instructions

For embankment and road stabilization Tramfloc® 1050 should be diluted to a 0.5% by volume stock solution, 0.5 gallons product to 99.5 gallons water, and applied at the rate of 2200 gallons of stock solution per acre of road/soil. Tramfloc® 1050 solution should be applied only at > 40° F temperatures in dry conditions and when they will persist for at least one day post application. For agricultural applications dose a 7% solution by volume, 7 gallons product to 93 gallons of water, and apply the solution at the 2200 gallons per acre rate. Two spray passages are recommended to form a stable crust. High pressure water used to fill product solution tanks is sufficient to mix product. It is not necessary to pre-dilute Tramfloc® 1050.

Handling, Storage and Packaging

Handle all industrial chemicals with care and consult the material safety data sheet before product use. Tramfloc® 1050 should be stored in a cool, dry place below 90° F and is available in drums, IBC's and bulk. Shelf life is 6 months.

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® 1050 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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