

TRAMFLOC, INC.

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Technical Information Bulletin

TRAMFLOC® 801 Emulsion Breaker and Hydrocarbon Solvent/Cleaner

Product Description

Tramfloc® 801 is a water-based, non-toxic, non-flammable and environmentally safe formulation to break emulsions and remove hydrocarbons from inorganics without re-attachment of the hydrocarbons.

Uses

Tramfloc® 801 is highly effective in a variety of oil/water/solids separation processes in industrial, refining, and chemical applications. Tramfloc® 801 helps produce high clarity water, a dense rag layer and a clean, high quality oil phase in demulsification applications in oil recycling and recovery operations. Tramfloc® 801 is used in oil tank sludge handling and waste minimization, enhanced oil recovery, oily sludge pit remediation and recovery, oil and tar sands recovery, mature fine tailings bitumen and water recovery. Tramfloc® 801 is used for preconditioning crude and slop sludges for optimum separation technology in equipment such as decanters and centrifuges. This formulation mobilizes crude waste streams. Usage categories include oil tanks, waste pits, lagoons, railcars, tankers, cleaning of soil, sand and clay of oily accumulations and surface cleaning. Tramfloc® 801 combines with conventional mechanical technology to enhance existing processes.

Features, Advantages and Benefits

Tramfloc® 801 is applied as a 10% solution for treating oily sludge and as a 5% solution when treating hydrocarbon contaminated sand or soil. Higher concentrations of Tramfloc® 801 should be avoided. Such contaminated soil can experience a 95% hydrocarbon removal efficiency. In crude sludge applications the sludge remains pumpable and will not readhere to tankage and pipes. This is accomplished at ambient temperature without a heat input. Cake sludges of over 80% solids are commonly reported in the dewatering processes employing Tramfloc® 801. Tramfloc® 801 conditioned sludge remains suspended and pumpable throughout the entire remediation process.

Packaging

Tramfloc® 801 is available in 55 gallon drums, 275 gallon IBC's, tank wagons and rail cars.

Safety and Health

Spills are extremely slippery. Precautions should be taken to prevent them from entering lakes or streams. Tramfloc® 801 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. 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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