

Product Information

MTL BIO-CLEAR 1000

DESCRIPTION

MTL Bio-Clear 1000 rapidly and effectively kills micro-organisms encountered in oil field operations, including sulfate-reducing and algal slime-forming bacteria. It is a 100% active; dry brominated propionamide, commonly described as DBNPA. It is packaged in special water-soluble bags that quickly dissolve even in cold water. The water-soluble bags are an effective, safe way to handle DBNPA.

MTL Bio-Clear 1000 works in the presence of hydrocarbons. It starts to kill instantly, and normally DBNPA will decontaminate a system within one hour. DBNPA has a very short life in the environment; therefore it is considered one of the safest biocides when spilled.

Ease of handling in water-soluble bags, high potency and quick kill make MTL Bio-Clear 1000 an excellent biocide choice for the following oilfield applications.

APPLICATION

Use 6 to 54ppm MTL Bio-Clear 1000 (10 to 50 grams per 1m³ of water). Use two bags per 45m³ tank and three bags per 75m³ tank to effectively kill bacteria. For best results add MTL Bio-Clear 1000 to tanks just before they are filled with water. This maximizes the DBNPA concentration in the tank and greatly enhances the kill rate. DBNPA decomposes rapidly as pH increases.

MTL Bio-Clear 1000 is most effective where the pH of the system starts below pH 9.0. Since MTL Bio-Clear 1000 acts rapidly, it can still be used where the treatment calls for a pH adjustment. Just add MTL Bio-Clear 1000 before mixing the pH control additives to rapidly kill the bacteria.

PHYSICAL PROPERTIES

Specific Gravity at 68°F	2.38
Melting Point	125°C
Pour Point	N/A
DBNPA (minimum)	98% by wt
pH, 1% Solution	4.1 to 4.5
Appearance	White to off-white powder
Charge	Non-ionic
Weight per bag	0.45kg

MTL Bio-Clear 1000 is a class D-2B toxic material. Please refer to MSDS before use, for specific precautions and safety.

AVAILABILITY

MTL Bio-Clear 1000 is packaged in 0.45kg water soluble bags.