

BIO-1300 BIOCIDES

BIO-1300 is a custom formulation of isothiocyanates

ADVANTAGES:

BIO-1300 is a broad spectrum biocide suitable for use in water and non-water systems.

PRINCIPLE USES:

BIO-1300 for microbiological control in industrial cooling water systems.

BIO-1300 for bacterial and fungal control in drilling fluids.

BIO-1300 for biological control in produced water and injection water systems for secondary recovery systems.

BIO-1300 for control over bacteria and fungi during the storage of crude oil and refined fuel oils.

PROPERTIES:

BIO-1300 is an amber liquid

Specific Gravity is 1.03 at 20 degrees C

pH 10% solution is 3.5

Boiling Point is greater than 212 degrees F

EPA Registration – 44392-11-68878

EPA Registration – 44392-TN-01

TREATMENT LEVEL:

Typical dosage is 1 to 500 ppm in the system. Repeat on a frequency sufficient to maintain microbiological control. **BIO-1300** should be used in consultation with your **FCT** representative.

APPLICATION:

BIO-1300 may be used continuously or on an intermittent basis. **BIO-1300** is compatible with stainless steel, Teflon, viton, plastics and most materials used for chemical feed systems. **BIO-1300** is corrosive to mild steel.

HANDLING and STORAGE:

BIO-1300 is corrosive and can cause severe eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face-shield and rubber gloves when handling. Harmful or fatal if swallowed. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. Contact a physician immediately. Remove contaminated clothing and wash before reuse. If swallowed, promptly drink a large quantity of milk egg whites, gelatin solution, or, if these are not available, large quantities of water. Avoid alcohol.

SHIPPING:

BIO-1300 is available in pails, 30 gallon drums, 55 gallon drums, IBC totes and bulk quantities.

The information herein is intended as a selection guide. Specific applications should be thoroughly reviewed with your **FCT** representative. Products are warranted to be both the generic material and concentration specified. No application or performance warranty is extended or implied herein.



Chemistry
Equipment
Solutions