

BIO-1000 BIOCIDES

BIO-1000 is a custom formulation of DBNPA, (2,2 dibromo-3-nitrilo propionamide

ADVANTAGES:

Effective against bacteria, fungus and algae. Approved for recommended for Legionella.

BIO-1000 is an oxidizing biocide suitable for most industrial systems.

BIO-1000 is recommended and approved for use with RO, Nano and micro filtration membranes as well as most pretreatment systems.

PRINCIPLE USES:

BIO-1000 is widely used in industrial, commercial and HVAC cooling systems. It is highly recommended to control biological activity in RO or other membrane systems.

PROPERTIES:

BIO-1000 is water white to amber liquid

Specific Gravity is 1.18 to 1.22 at 20 degrees C

Flash Point is 159 degrees C

Freeze Point is -25 degrees C

Product is 20% active DBPNA

Solvent is demineralized water

Solubility in water is 100%

TREATMENT LEVEL:

Typical dosage is 1 to 5 ppm in the system. Repeat on a frequency sufficient to maintain microbiological control. **BIO-1000** should be used in consultation with your **FCT** representative.

APPLICATION:

BIO-1000 may be used continuously or on an intermittent basis. **BIO-1000** is compatible with stainless steel, Teflon, viton, plastics and most materials used for chemical feed systems. **BIO-1000** is corrosive to mild steel.

HANDLING and STORAGE:

BIO-1000 is corrosive and an oxidizer it 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-1000 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.