

BIO-1100 BIOCIDES

BIO-1100 is a custom formulation of quaternary ammonium chloride.

ADVANTAGES:

Effective against bacteria, fungus and algae, mold.
Recommended where tower wood fungi is a problem.

PRINCIPLE USES:

BIO-1100 recommended for most closed cooling systems.

BIO-1100 is recommended in applications where control over anaerobic, slime formers, and SRB's is required.

BIO-1100 is a good general purpose biocide for most industrial applications where oxidizers cannot be used.

PROPERTIES:

BIO-1100 is a water white to pale yellow liquid

BIO-1100 has a mild alcohol odor

Specific Gravity is 0.946 to 0.950 at 20 degrees C

pH is 7 to 8

Flash Point 118 degrees F

EPA Registration 6836-79-46763

Product is 50% quaternary amine

TREATMENT LEVEL:

Typical dosage is 5 to 25 ppm in the system. Repeat on a frequency sufficient to maintain microbiological control. **BIO-1100** should be used in consultation with your **FCT** representative.

APPLICATION:

BIO-1100 may be used continuously or on an intermittent basis. **BIO-1100** is compatible with stainless steel, Teflon, viton, plastics and most materials used for chemical feed systems. **BIO-1100** is corrosive to mild steel.

HANDLING and STORAGE:

BIO-1100 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-1100 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.