

BIO-1500 BIOCIDES

BIO-1500 is a stable, aqueous or micro-emulsion of isothiazolin intended for use in cooling water systems as a biocide.

ADVANTAGES:

Extremely effective against bacteria, algae, cyano-bacteria, mold and yeast.

BIO-1500 is effective at very low use concentrations. Superior activity versus competitive products reduces dosage frequency.

BIO-1500 does not bio-accumulate and readily decomposes into non-toxic by-products

PRINCIPLE USES:

BIO-1500 is broad spectrum biocide to be used in cooling water systems.

PROPERTIES:

BIO-1500 is a water white, pale yellow or light green to blue liquid depending on concentrations

Active Ingredients:

4,5-dichloro-2-n-octyl-4 iso thiazolin-3-one
4.5% emulsion or 1.5% solution

Inerts

solvent	8.5%
surfactant	27.75
water	59.25%

Specific Gravity	1.02 at 77 degrees F
pH (25 deg C)	4.0-6.5
Flash Point	155 °C
EPA Registration No.	707-259

TREATMENT LEVEL:

Typical dosage is 5 to 25 ppm in the system. Repeat on a frequency sufficient to maintain microbiological control. **BIO-1500** should be used in consultation with your **FCT** representative.

APPLICATION:

BIO-1500 may be shot-fed on an intermittent basis. **BIO-1500** is compatible with stainless steel, Teflon, viton, plastics and most materials used for chemical feed systems. **BIO-1500** is corrosive to mild steel.

HANDLING and STORAGE:

BIO-1500 is corrosive. It causes 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-1500 is shipped in 30 gal non returnable drums. Intermediate bulk (IBC) delivery is also available.

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.