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OXY-BROM 40 BIO-GUARD TREATMENT
Fungicide, Algicide, Slimicide, Molluscicide

APPLICATION

Cooling towers provide a near-ideal environment for microbial proliferation. Warm water temperatures, nutrients, and constant exposure to the surrounding air encourage growth and virtually assure ongoing contamination by microorganisms.

Unchecked microbial growth may also cause a rapid loss of heat-transfer efficiency by fouling piping, nozzles, process heat exchangers, and drift eliminators.

Microbial organisms in nature vary considerably as a hazard to human health and in susceptibility to any particular bactericide.

WATERBORNE PATHOGENS

Legionella bacteria and other pathogens may be present in water systems. Application of a microbicide does not guarantee the absence of such pathogens.

DIRECTIONS FOR USE

When used in conjunction with an oxidant, OXY-BROM 40 effectively controls algal, bacterial, and fungal slime and controls the settlement and growth of mollusks such as the zebra mussel or the Asiatic clam.

FEEDING TECHNIQUE

OXY-BROM 40 should be added to the system at a 0.125 to 2.0 sodium bromide/oxidant mole ratio. The products should be added to the water treatment system at a point of uniform mixing such as the basin area.

FEEDING TECHNIQUE (CONTINUED)

For cooling systems greater than 4000 gallons, do not apply by open pouring of liquid; a metering pump delivery system is required for this use and application method.

SAFETY & HANDLING PROCEDURE

OXY-BROM 40 causes substantial but temporary eye injury. Do not get in eyes or on skin or on clothing. Wear protective eyewear (chemical goggles or face shield), protective clothing and gloves resistant to chemical permeation.

DOSE & CONTROL (cooling water systems)

Initial Dose: When the system is noticeably fouled, add 0.0003 to 0.024 gallons of OXY-BROM 40 per 1000 gallons of water contained in the system and oxidize with either gas chlorine (0.008 to 0.040 pounds gas chlorine per 1000 gallons of contained water).

Subsequent Doses: When microbial control is evident, add 0.0002 to 0.024 gallons of OXY-BROM 40 per 1000 gallons of water contained in the system and oxidize with either gas chlorine (0.004 to 0.040 pounds gas chlorine per 1000 gallons of contained water).

Contact your CH2O water treatment specialist or an independent laboratory for further information on analytical testing. Daily testing is recommended to maintain proper control.

ACTIVE INGREDIENT

Sodium Bromide.....40%

PHYSICAL PROPERTIES

pH of 1% Solution.....6.0-8.0
Pounds per Gallon.....11.6-12.1
Physical Appearance.....Clear, colorless liquid
Odor.....Mild
Flash Point.....>212°F

Seller Warranty

CH2O brand test reagent refills are available through your sales representative at no charge. Customers are required to confirm product compatibility via a control test for their specific application.

Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose referred to in the product data sheet. Buyer is responsible to ensure that products and product dosages are appropriate for Buyer's particular application.

Applies to all products sold by CH2O, Inc., and is hereby communicated to all of its customers as a condition of sale. Use of CH2O products is subject to the Standard Terms and Conditions as listed on CH2O, Inc.'s website at: www.ch2o.com.

