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UNIBROM
BIO-GUARD TREATMENT
For Controlling Algae, Bacteria, Slime

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. CH2O's BIO-GUARD series offers a wide variety of biocide products, which have been shown effective against microorganisms found in cooling tower waters.

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, nor is it possible or reasonable to eliminate all risk of infection.

DIRECTIONS FOR USE

UNIBROM is an effective agent for controlling algae, bacteria and slime in condensing and cooling equipment in which recirculating water is used as the cooling media and in lined reservoirs or ponds which serve as the source of boiler feed-water or cooling water.

FEEDING TECHNIQUE

UNIBROM should be applied directly to the cooling water at any section of the system where sufficient mixing will occur.

SAFETY & HANDLING PROCEDURE

UNIBROM is corrosive, causing irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Proper PPE must be work during handling and use.

DOSE & CONTROL (cooling water systems)

When the system is noticeably fouled, apply sufficient UNIBROM to achieve a total bromine level of 1.0 - 10 ppm or as needed to maintain control.

Some systems may be maintained in satisfactory biological condition by applying the dosage intermittently while others may require a continuous application.

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

Table with 2 columns: Ingredient Name and Percentage. Sodium Hypochlorite 7.45%, Sodium Bromide 10.28%

PHYSICAL PROPERTIES

Table with 2 columns: Property and Value. pH of 1% Solution 12 +/- 1, Pounds per Gallon 10.8 - 11.3, Physical Appearance Clear, Orange, Odor Mild, Sweet, 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.

