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BROMO-CHLOR TABLETS
BIO-GUARD TREATMENT
Industrial Antimicrobial

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

BROMO-CHLOR TABLETS is for use in for use as a disinfectant, sanitizer, bactericide, fungicide, algicide, and for control of microbial slimes in industrial processes and water systems such as: recirculating cooling water systems, once-through cooling water systems, wastewater treatment systems, brewery pasteurizers, air conditioners, dehumidifiers, evaporative coolers, paper and paperboard process water, and water fountains/reflecting ponds.

FEEDING TECHNIQUE

BROMO-CHLOR TABLETS should be added to the water treatment system at a point of uniform mixing.

SAFETY & HANDLING PROCEDURE

BROMO-CHLOR TABLETS are corrosive, causing irreversible eye damage or skin burns. The product is harmful if swallowed, and irritating to nose and throat. It is important to avoid contact with the liquid and inhalation of the vapors.

DOSE & CONTROL (cooling water systems)

Initial Dose: When the system is noticeably fouled, add 0.2 to 0.6 pounds product/1000 gallons (0.24 to 0.72 kilograms/10000 liters) of water contained in the system.

Subsequent Dose: When microbial control is evident, add 0.1 to 0.3 pounds/1000 gallons (0.12 to 0.36 kilograms/10000 liters) of water contained in the system.

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

1-Bromo-3-chloro-5,5-dimethylhydantoin..... 96%

PHYSICAL PROPERTIES

pH of 1% Solution..... 3.5
Pounds per Gallon..... 8.9-9.4
Physical Appearance..... White tablet
Odor..... Moderate, halogen
Solubility at 25°C..... 0.15%

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 directions for use when used in accordance with the directions under normal conditions.

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.

