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SRI-956
BIO-GUARD TREATMENT
Micribiocide, Bactericide, Fungicide, Algicide, Slimicide

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. Growth under deposits or slime masses can yield accelerated localized corrosion of system metal components.

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

SRI-956 is used as a microbicide, bactericide, fungicide, algicide and slimicide for treating water in industrial recirculating and evaporative coolers, cooling ponds, lined reservoirs, decorative fountains, air washing systems, RO membranes and metal working fluids.

SRI-956 tablets combine a quick-kill in the system with rapid degradation of the DBNPA toxicity. These properties make it easy to achieve forceful microbial control while meeting strict discharge regulations.

SRI-956 does not negatively react with other chemicals, such as common scale inhibitors, dispersants, or corrosion inhibitors. The product also functions over a relatively broad pH range; dependable performance has been obtained in waters operating at pH's as high as 8 to 8.5, although performance begins to drop off at pH's over 9.

FEEDING TECHNIQUE

Direct contact of SRI-956 tablets with a metal surface in the cooling system will cause local corrosion. To prevent corrosion, place the SRI-956 in the holder provided or equivalent. Suspend / float it in the water so the tablet is completely submerged.

SAFETY & HANDLING PROCEDURE

SRI-956 is corrosive, causing irreversible eye damage and skin burns. It is harmful if swallowed or absorbed through the skin. It is important to avoid contact with the liquid and inhalation of the vapors. Do not get in eyes or on skin or on clothing.

DOSE & CONTROL (cooling water systems)

Dirty systems must be cleaned prior to treatment. To control bacteria, fungi, and algae in clean to moderately contaminated systems, add 100 gm SRI-956 tablet(s) per 500-1,000 gallons of water in the system.

Add more SRI-956 tablet(s) to the feeder when they are substantially gone. Contact your CH2O water treatment specialist or an independent laboratory for further information on analytical testing.

ACTIVE INGREDIENT

2, 2-dibromo-3-nitropropionamide (DBNPA) ..... 95.6%

PHYSICAL PROPERTIES

Form ..... Small round tablets
Wt. per Tablet..... 100 gms
Tablets per Pail ..... 25 each
Flash Point ..... NA

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. Buyer assumes the risk of any use contrary to such directions.

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.

