2000/2005

# HALOBRIQ BrCI

MICROBICIDE FOR CONTROL OF BACTERIA,
FUNGI AND ALGAE IN RECIRCULATING COOLING WATER
SYSTEMS AND AIRWASHERS

# COMMERCIAL

### **GUARANTEE:**

1-bromo-3-chloro-5,5-dimethyl hydantoin	60.0	) %
1,3-dichloro-5,5-dimethylhydantoin	27.4	<b>1</b> %
1,3-dichloro-5-ethyl-5-methylhydantoin	10.6	5%
Available bromine 39.2% Available chlorine	44.4	<b>1</b> 응

REGISTRATION NO. 21737
PEST CONTROL PRODUCTS ACT

WARNING POISON CORROSIVE

READ THE LABEL BEFORE USING

NET CONTENTS Kg

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# DIRECTIONS FOR USE: RECIRCULATING COOLING WATER SYSTEMS

HALOBRIQ BrCI aids in the control of bacterial, fungal and algal slimes in evaporative condensers, heat exchange water towers, influent systems such as flow through filters, lagoons etc., industrial water scrubbing systems. This product may be added to the systems either continuously or intermittently or as needed. The frequency of feeding and duration of the treatment will depend upon the severity of the problem. BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

# FOR CONTROL OF BACTERIA, FUNGI AND ALGAE INTERMITTENT OR SLUG METHOD

INITIAL DOSE: When the system is noticeably fouled, add 60 to 600 gms to 5000 Litres or 12 to 120 parts per million of the water in the system. Repeat until control is achieved. SUBSEQUENT DOSE: When microbial control is evident add 60 to 450 gms to 5000 Litres or 12 to 90 parts per million of water in the system every 3 days or as needed to maintain control.

### CONTINUOUS FEED METHOD

INITIAL DOSE: When system is noticeably fouled, add 60 to 600 gms to 5000 Litres or 12 to 120 parts per million of water. SUBSEQUENT DOSE: Continuously feed to maintain a dosage of 60 to 450 gms to 5000 Litres or 12 to 72 parts per million of water in the system.

### **AIRWASHERS**

For use only in industrial airwasher systems that maintain effective mist eliminating components. HALOBRIQ BrCI controls slime forming bacteria, fungi and algae in industrial airwasher systems. Add HALOBRIQ BrCI at the rate of 60 to 600 gms (12 to 120 ppm) per 5000 Litres of water in the system, depending upon the severity of the contamination. Control the application by measuring the free chlorine residual in the treated water. There is no need to exceed 1.0 ppm as free chlorine. Badly fouled systems must be cleaned before treatment is begun.

## INTERMITTENT OR SLUG METHOD

INITIAL DOSE: When system is noticeably fouled add to airwasher sump or chill water sump to insure uniform mixing. Add 60 to 600 gms to 5000 Litres or 12 to 120 parts per million of water. SUBSEQUENT DOSE: When microbial control is evident add 60 to 360 gms to 5000 Litres or 12 to 72 parts per million of water.

# CONTINUOUS FEED METHOD

INITIAL DOSE: When system is noticeably fouled add to air washer sump or chill water sump to insure uniform mixing. Add 60 to 600 gms to 5000 Litres or 12 to 120 parts per million of water. SUBSEQUENT DOSE: When microbial control is evident add 60 to 360 gms to 5000 Litres or 12 to 72 parts per million.

### PRECAUTIONARY STATEMENTS:

KEEP OUT OF REACH OF CHILDREN. HARMFUL IF SWALLOWED. HIGHLY CORROSIVE. DO NOT TAKE INTERNALLY. Causes eye and skin damage. Irritating to nose and throat. Avoid breathing dust. Use with adequate ventilation. Do not get into eyes, on skin or clothing. Wear rubber gloves and goggles or face shield when handling. Wash thoroughly after handling. Immediately remove contaminated clothing and wash before reuse.

## FIRST AID:

For eye contact, flush eyes with large amounts of running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. If physician is not available, flush for additional 15 minutes. Get immediate medical attention. For skin contact, immediately wipe away excess material with a dry cloth while removing contaminated clothing and shoes. Under a safety shower, wash affected areas thoroughly with large amounts of water and soap if available, for at least 15 minutes. Get immediate medical attention. Discard or decontaminate clothing and shoes.

If inhaled, remove from area to fresh air. If not breathing, clear airway and start mouth-to-mouth artificial respiration or use a bag-mask respirator. Get immediate medical attention. If victim is having trouble breathing, transport to medical care and if available give supplemental oxygen. If swallowed immediately give several glasses of water. DO NOT induce vomiting. If vomiting occurs, give fluids again. Have physician determine if patient's condition allows induction of vomiting or evacuation of stomach. Do not give anything by mouth to an unconscious or convulsing person. Get immediate medical attention.

# TOXICOLOGICAL INFORMATION:

Probable mucosal damage may contraindicate the use of gastric lavage.

# NOTICE TO USER:

This control product is to be used only in accordance with the

directions on this label. It is an offence under the Pest Control Products Act to use a control product under unsafe conditions.

### ENVIRONMENTAL HAZARDS:

This product is toxic to fish. Do not discharge into lakes, streams, ponds or public waters.

## PHYSICAL AND CHEMICAL HAZARDS:

Strong oxidizing agent. Mix only with water. Use clean dry utensils. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire and explosion. Contamination with moisture, organic matter or other chemicals may start a chemical reaction with fire and explosion. In case of contamination or decomposition do not reseal container. If possible, isolate container in open air or well ventilated area, if necessary flood with large volumes of water.

## STORAGE AND DISPOSAL:

Keep product dry in closed container when not in use. Store in a cool dry, well ventilated area away from heat open flames and other chemicals. Rinse container thoroughly before discarding. Do not reuse container. To dispose of chemical flush into sewer with large quantities of water.

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