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BROMICIDE[®] **GRANULES**

FOR CONTROL OF ALGAL BACTERIAL AND FUNGAL SLIMES IN RECIRCULATING COOLING
WATER SYSTEMS AND PULP AND PAPER SYSTEMS

ACTIVE INGREDIENT:

Available chlorine, present as 1-BROMO-3-CHLORO-5,5-DIMETHYLHYDANTOIN AND RELATED
HYDANTOINS.....28.6%

Available bromine, present as 1-BROMO-3-CHLORO-5,5-DIMETHYLHYDANTOIN AND RELATED
HYDANTOINS.....65%

REGISTRATION NO. 31847 PEST CONTROL PRODUCTS ACT

COMMERCIAL

WARNING



POISON



CORROSIVE

DANGER-CORROSIVE TO EYES AND SKIN

POTENTIAL SKIN SENSITIZER

READ THE LABEL BEFORE USING

NET CONTENTS: 2.2 – 227 Kg

Italmatch USA Corporation
5544 Oakdale Road SE
Smyrna, GA 30032
1-800-600-4523

DIRECTIONS FOR USE:

RECIRCULATING COOLING WATER SYSTEMS. When used as directed, Bromicide Granules effectively controls algal, bacterial and fungal slimes in commercial and industrial cooling towers; influent water systems such as flow through filters and lagoons; heat exchange water systems, industrial water scrubbing systems, brewery pasteurizer; and industrial air washing systems equipped with a mist eliminator.

DOSAGE RATES: Initial Dose. When system is noticeably fouled, add 0.25-0.75 kg/10,000 L of water contained in the system. Repeat initial dosage until at least 1 mg/L bromine residual is established for 4 hours. Subsequent Dose. When microbial control is evident, add 0.1-0.4 kg/10,000 L of water contained in the system. Repeat as needed to maintain at least 1 mg/L bromine residual in the water for at least 4 hours. **PULP AND PAPER MILLS.** This product effectively controls algal, bacterial, and fungal slime in pulp and paper mill fresh and sea water influent water systems; cooling water systems, service water systems, white water systems, and other process. Treat water at critical areas in the system process where mixing of the product with influent will be uniform. The frequency and duration of the treatment will depend upon the severity of the problem. Badly fouled process systems must be cleaned before initial treatment.

TREATMENT BY SYSTEM VOLUME. Add up to 0.31 kg of this product to 10,000 L, or 32 parts per million, of water in the system.

TREATMENT BY RESIDUAL METHOD. Add sufficient amount of this product to maintain a measured residual up to 5 ppm as bromine. Once biological control is evident, the use of this product normally can be reduced to something less than 1 ppm as bromine. An alternate method of calculating the appropriate level of this product is to estimate the paper mill's daily production, then add, over a 24 hour period, up to 600 grams of this product per dry metric ton of paper produced over a twenty-four (24) hour period. Test for bromine to verify the level of 5 ppm is not being exceeded.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

DO NOT discharge effluent containing this product into sewer systems, lakes, ponds, estuaries, oceans of other waters.

Note: Not intended for use in potable water systems.

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. Corrosive to the eye and skin. May be fatal if swallowed. DO NOT get in eyes, on skin or on clothing. Potential skin sensitizer. Wear long pants, a long-sleeved shirt, goggles or a face-shield and chemical-resistant gloves when handling this product. Irritating to nose and throat. Avoid breathing dust and fumes. Remove and wash contaminated clothing before reuse.

FIRST AID:

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

Take container, label, or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: Probable mucosal damage may contraindicate the use of gastric lavage. Treat symptomatically.

DISPOSAL: 1. Triple or pressure rinse the emptied container and add the rinsing to treatment site. 2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal. 3. Make the container unsuitable for further use. 4. Dispose of the container in accordance with provincial requirements.

For information on the disposal of unused, unwanted product contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.