

2017-3982
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ECLIPSE 630

MICROBICIDE

INDUSTRIAL

Microbiocidal tablets for use in the control of algal, bacterial and fungal slimes in recirculating cooling water systems and pulp and paper processes.

**READ THE LABEL BEFORE USING
KEEP OUT OF REACH OF CHILDREN**

**REGISTRATION NO. : 25252
PEST CONTROL PRODUCTS ACT**

GUARANTEE :

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.....65.0%

WARNING



POISON



CORROSIVE

DANGER - CORROSIVE TO EYES AND SKIN; POTENTIAL SKIN SENSITIZER

ENVIRONMENTAL HAZARDS: This product is toxic to fish. Do not discharge into lakes, streams, ponds or public waters. Do not contaminate water, food or feed by storage or disposal of product or its container.

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. The user assumes the risk to persons or property that arises from any such use of this product.

NET CONTENTS: Kilograms

Chemco Products Incorporated

1349 Grand Oaks Drive
Howell, MI 48843 USA
1-517-546-7800

**24-HOUR EMERGENCY TELEPHONE NUMBER:
1-800-424-9300**

DIRECTIONS FOR USE:

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, streams, ponds, estuaries, ocean or other waters.

DO NOT use this product in the production of paper or paperboard that will come into contact with food.

RECIRCULATING COOLING WATER SYSTEMS:

When used as directed ECLIPSE 630 Microbicide 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 pasteurizers 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 of Eclipse 630 Microbicide per 10,000 litres 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 of Eclipse 630 Microbicide per 10,000 litres 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 systems. Treat water at critical areas in the system process where mixing of the product with influent will be uniform. The frequency and duration of treatment will depend upon the severity of the problem. Badly fouled process systems must be cleaned before initial treatment.

DOSAGE

Treatment by System Volume: Add up to 0.31 kg of this product to 10,000 L or 32 ppm 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 can normally 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 ton of paper produced over a 24-hour period. Test for bromine to verify the level of 5 ppm is not being exceeded.

PRECAUTIONS**KEEP OUT OF REACH OF CHILDREN**

Highly corrosive to the eye and skin. Causes eye and skin damage. Potential skin sensitizer. May be fatal if swallowed. DO NOT get in eyes, on skin or clothing. Wear long pants, a long-sleeved shirt, chemical-resistant gloves and goggles or a face-shield while cleaning equipment and handling product. For pulp and paper uses, wear coveralls in addition to all other required personal protective equipment while placing the product. Remove and wash contaminated clothing before reuse. May be fatal if inhaled. Avoid breathing dust and fumes. Oxidizing agent. Avoid acids, moisture, and combustible materials.

TOXICOLOGICAL INFORMATION:

Note to physician: probable mucosal damage may contraindicate the use of gastric lavage. Treat symptomatically.

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 centre 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 centre 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 by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

If swallowed: Call a poison control centre 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 a poison control centre 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.

DISPOSAL:

1. Triple-or pressure-rinse the emptied container. Add the rinsings to the treatment site.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty 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.