

BIOSPERSE 262

Slimicide

For use as Bactericide, Fungicide, Algicide and for Control of Microbial Slimes in Recirculating Cooling Water Systems, Lagoons, and Paper and Paperboard Process water

COMMERCIAL

REGISTRATION NO. 28337 PEST CONTROL PRODUCTS ACT

READ THE LABEL BEFORE USING

GUARANTEE:

1-Bromo-3-chloro-5, 5-dimethylhydantoin 35.0%

KEEP OUT OF REACH OF CHILDREN

**DANGER – CORROSIVE TO EYES AND SKIN
POTENTIAL SKIN SENSITIZER**

NET CONTENT

11-714 kg

**DREW CANADA, ASHLAND CANADA CORP.
525 FINLEY AVE., AJAX, ONTARIO L1S 2E5
Tel: (905) 683-0150
Fax: (905) 427-0688
AFTER HOURS: 1-800-274-5263**

DIRECTIONS FOR USE NOTE: This product degrades with age. Use a chlorine test kit and increase dosage, as necessary, to obtain the required level of bromine. To convert chlorine results to bromine in ppm, multiply by 2.25.

METHOD OF APPLICATION:

This product is applied from the container by use of a pump. Two methods can be used.

1. Direct pumping with lift suction or flooded suction using a peristaltic pump.
2. Initial transfer to a feeding tank with subsequent pumping using a pump suitable for flooded suction application such as a diaphragm or peristaltic pump.

RECIRCULATING COOLING WATER SYSTEMS:

When used as directed, this product effectively controls algal, bacterial, and fungal slimes in commercial and industrial cooling towers; evaporative condensers, influent water systems such as flow-through filters, cooling ponds, and lagoons; heat exchange water systems; industrial water scrubbing systems; and industrial air washing systems equipped with a mist eliminator.

DOSAGE RATES:

Initial Dose: When the system is noticeably fouled, add 0.0545 to 0.1634 Litres /1000 Litres of water contained in the system. Repeat initial dosage until 1 to 3 parts per million (milligrams per litre) bromine residual is established for at least 4 hours.

Subsequent Dose: When microbial control is evident, add 0.0272 to 0.0823 Litres/1000 Litres of water contained in the system. Repeat as needed to maintain 1 to 3 parts per million (milligrams per litre) bromine for at least 4 hours.

PULP AND PAPER MILLS (Non-Food Contact Paper):

When used as directed this product effectively controls algal, bacterial, and fungal slimes in pulp and paper mill fresh and sea water influent water systems; cooling water systems, service water systems, white water systems, and other process water.

This product is intended for use as a slimicide for the process water used in the manufacture of paper and paperboard products that do not contact food. 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.

PRODUCT APPLICATION:

TREATMENT BY SYSTEM METHOD:

When a system is noticeably fouled: add 0.0272 to 0.272 Litres of this product to 1000 Litres or 32.9 to 329 parts per million (milligrams per litre) of water in the system.

When biological control is evident: add 0.0272 to 0.205 Litres of this product to 1000 Litres or 32.9 to 247 parts per million (milligrams per litre) of water in the system.

TREATMENT BY RESIDUAL METHOD:

Add sufficient amount of this product to maintain a measured residual up to 5 parts per million (milligrams per litre) as bromine. Once biological control is evident, the use of this product normally can be reduced to something less than 1 part per million as bromine.

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. DANGER – CORROSIVE TO EYES, AND SKIN. POTENTIAL SKIN SENSITIZER. Causes irreversible eye damage. Causes skin irritation. Harmful if swallowed. Harmful if absorbed through the skin. Do not get in eyes, on skin or on clothing. Wear protective eyewear (goggles, safety glasses or face shield), chemical-resistant gloves, long-sleeved shirt and long pants when handling the product. Harmful if inhaled. Avoid breathing vapour. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

DO NOT MIX WITH OTHER CHEMICALS. 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 or explosion. Contamination of organic matter or other chemicals will start a chemical reaction and generate heat, hazardous gas, possible fire and explosion. In case of contamination or decomposition, do not reseal container. If possible, isolate container in open well ventilated area. Flood area with large volumes of water.

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 : 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.

TOXICOLOGICAL INFORMATION:

Probable mucosal damage may contraindicate the use of gastric lavage.

ENVIRONMENTAL HAZARDS:

This product is toxic to fish and aquatic invertebrates. DO NOT discharge effluents containing this product or its transformation products into lakes, streams, ponds, rivers, estuaries, oceans or public waters. DO NOT contaminate any body of water by cleaning of container and equipment or disposal of wastes.

STORAGE:

Keep product dry in tightly closed container when not in use. Store in a cool well-ventilated area away from heat or open flame. In case of decomposition, isolate container if possible and flood area with large amounts of water to dissolve all material before discarding this container. Do not contaminate food or feed by storage or disposal.

DISPOSAL:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the treatment site.
2. Follow provincial instructions for any required additional cleaning of the container prior to disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.

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

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