

ACCEPTED
12 NOV 1981
5795-07
EPA REG NO 578
EPA EST NO 7011

BROMICIDE

For Control of Algal, Bacterial and Fungal Slimes in Recirculating Cooling Water Systems and Once Through Industrial Cooling Water Systems

ACTIVE INGREDIENT

Bromochloro 5, 5-dimethylhydantoin 96.0

INERT INGREDIENTS

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STATEMENT OF PRACTICAL TREATMENT

If swallowed, drink water or white milk or milk. If eye follows with emetic. If it persists, get first aid and a glass of warm water. Call a physician immediately in case of eye contact. Flush eye with copious water for at least 15 minutes and get medical attention. After handling, wash hands thoroughly.

DANGER!
KEEP OUT OF REACH
OF CHILDREN

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Poisonous if swallowed. Do not breathe dust. Irritating to nose and throat. Do not get in eyes, on skin or on clothing. Corrosive. Direct eye contact causes severe eye irritation. After handling, wash hands thoroughly. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not discharge into lakes, streams, ponds or public water unless in accordance with an NPDES permit. For guidance, contact your regional office of EPA.

PHYSICAL AND CHEMICAL HAZARDS

Strong oxidizing agent. Mix only with water, use clean, dry utensils and equipment. 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 generation of heat, hazardous gases and possible 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.

DIRECTIONS FOR USE

STORAGE, SHIPMENT AND DISPOSAL

Prohibitions: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Pesticide spray mixture or rinsate that cannot be used or chemically reprocessed must be stored in a landfill approved for pesticides or buried in a safe place away from water. Container Disposal: Dispose of in an incinerator or landfill approved for pesticide containers, or burn in accordance with local, state or federal disposal authorities for approved alternative procedures such as incineration.

Recirculating Cooling Water Systems

When used as directed, BromiCide effectively controls algal, bacterial, and fungal slimes in domestic cooling towers, effluent water systems, such as flow through filters, and lagoons, and large water systems, industrial water scrubbing systems, and brewery pasteurizers.

Dosage Rates

Initial Dose: When system is noticeably fouled, add 0.10-0.6 lbs./1000 gallons of water contained in the system. Repeat initial dosage until one ppm bromine residual is established for at least 4 hours.

Subsequent Dose: When microbial control is evident, add 0.10-0.3 lbs./1000 gallons of water contained in the system. Repeat as needed to maintain one ppm bromine residual for at least 4 hours.

Once Through Industrial Cooling Water Systems

For the control of algal, bacterial and fungal slimes in once through and closed cycle fresh and cooling systems, cooling ponds, canals, and lagoons, add BromiCide to the system inlet water or to the contaminated area in the system.

Dosage Rates

Initial Dose: When system is noticeably fouled, add 0.10-0.6 lbs./1000 gallons of water contained in the system. Repeat initial dosage until one ppm bromine residual is established for at least 4 hours.

Subsequent Dose: When microbial control is evident, add 0.10-0.3 lbs./1000 gallons of water contained in the system. Repeat as needed to maintain one ppm bromine residual for at least 4 hours.

NET WEIGHT

EPA REG NO 578
EPA EST NO 7011



Great Lakes
Chemical Corporation

RECEIVED
 2 NOV 1981
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BROMICIDE

For Control of Algal, Bacterial and Fungal Slimes in Recirculating Cooling Water Systems and Once Through Industrial Cooling Water Systems

ACTIVE INGREDIENT

2-bromo-5,5-dimethylhydantoin 96

OTHER INGREDIENTS

DANGER!
OUT OF REACH
OF CHILDREN

STATEMENT OF PRACTICAL TREATMENT

If swallowed, drink 1/2 cup white or milk or orange juice, follow with emetic. Take spoonful of mustard or glass of warm water. Call a physician immediately. In case of eye contact, flush eyes copiously with water for at least 15 minutes and get medical attention. After handling, wash hands thoroughly.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

If swallowed, Do not breathe dust. Irritating to nose and throat. Do not get in eyes. Wash off clothing. **Corrosive**. Direct eye contact causes severe eye irritation. After wash hands thoroughly. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

It is toxic to fish. Do not discharge into lakes, streams, ponds, or other water bodies in accordance with an NPDES permit. For guidance, contact your regional office.

PHYSICAL AND CHEMICAL HAZARDS

Oxidizing agent. Mix only with water. Use clean, dry utensils and equipment. Do not add 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, ether or other chemicals may start a chemical reaction with generation of heat, gases and possible fire and explosion. In case of contamination or spillage, do not reseal container. If possible, isolate container in open air or well-ventilated area. If necessary, flood with large volumes of water.

DIRECTIONS FOR USE

For use in accordance with label directions. Do not use in conjunction with other algaecides.

STORAGE, SHIPMENT AND DISPOSAL

Prohibitions: Do not contaminate water, food, or feed by storage and disposal. Open dumping is prohibited.
Pesticide Disposal: This pesticide should be disposed of in a manner that will not be used or chemically reprocessed. Should be disposed of in accordance with applicable federal, state and local regulations in a safe place away from water supplies.
Container Disposal: Do not reuse or refill this container. Do not use for other pesticides. Do not use for disposal of other pesticides. Do not use for disposal of other hazardous materials.
General: Follow all federal, state and local disposal regulations. Do not use for disposal of other pesticides or hazardous materials.

Recirculating Cooling Water Systems

When used in recirculating cooling water systems to control algal, bacterial and fungal slimes in commercial and industrial cooling towers, influent water systems, cooling water through diffusers and lagoons, etc., heat exchanger water systems, industrial water scrubbing systems, and brewery pasteurizers.

Dosage Rates

Initial Dose: When system is not heavily fouled, add 0.1 to 0.3 lbs. per 1000 gallons of water contained in the system. Repeat as needed to maintain the ppm bromine residual as established for at least 4 hours.

Subsequent Dose: When maintenance level is evident, add 0.1 to 0.3 lbs. per 1000 gallons of water contained in the system. Repeat as needed to maintain the ppm bromine residual for at least 4 hours.

Once Through Industrial Cooling Water Systems

When used in once through industrial cooling water systems, including open and closed cycle fresh and sea water cooling systems, cooling ponds, tanks, and lagoons, add Bromicide to the system inlet water or before any other contaminated area in the system.

Dosage Rates

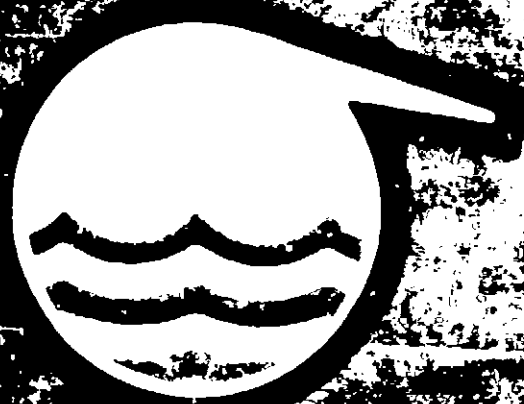
Initial Dose: When system is not heavily fouled, add 0.1 to 0.3 lbs. per 1000 gallons of water contained in the system. Repeat as needed to maintain the ppm bromine residual as established for at least 4 hours.

Subsequent Dose: When maintenance level is evident, add 0.1 to 0.3 lbs. per 1000 gallons of water contained in the system. Repeat as needed to maintain the ppm bromine residual for at least 4 hours.

NET WEIGHT

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2000 LAKEVIEW AVENUE