

13-APR-1999

AGRIBROM(R) GRANULES

For Control of Microbial Slimes and Fouling in Recirculating
Cooling Water, Irrigation and Automatic Water Distribution
Systems in Commercial Floriculture Greenhouses and Agricultural
Premises.

AGRICULTURAL

Guarantee:

1-Bromo-3-chloro-5,5-dimethylhydantoin.....96%

WARNING

POISON CORROSIVE

DANGER CORROSIVE TO EYES

REGISTRATION NO. 21278

PEST CONTROL PRODUCTS ACT

READ THE LABEL BEFORE USING

NET WEIGHT:

LOT NO:

Great Lakes Chemical Corporation
P.O. BOX 2200
WEST LAFAYETTE, IN
47996-2200
USA

NOTICE TO USER

This control product is to be used only in accordance with the
directions on this label. It is an offense under the Pest
Control Products Act to use a control product under unsafe
conditions.

DIRECTIONS FOR USE:

RECIRCULATING COOLING WATER SYSTEMS. For control of microbial slimes and fouling in recirculating evaporative cooling systems in greenhouses and agricultural premises. For best results, evaporative cooling equipment should be clean and free from algae and microbial slime at the beginning of treatment. Equipment should be adjusted for even distribution of treated water over the surface of the evaporative cooling pad.

DOSAGE RATES: When the system is noticeably fouled, use 15 g of Agribrom(R) Granules per 200 L of water contained in the system. Add additional Agribrom(R) Granules until a residual of 8 to 10 mg/L bromine is established. Maintain treatment until the system is free from microbial fouling.

Maintenance Dose: Use Agribrom(R) Granules as needed to maintain a 5 mg/L bromine residual.

IRRIGATION AND AUTOMATIC WATER DISTRIBUTION SYSTEMS: (NON-FOOD CONTACT ONLY) For prevention of growth of algae and build-up of microbial slimes and fouling.

DOSAGE RATES: For best results, irrigation equipment should be clean and free from microbial fouling at the beginning of treatment. Use Agribrom(R) Granules to maintain a residual of 5 to 10 mg/L bromine in the treated water. To insure even distribution of Agribrom(R) Granules, it is important to level treated mats. If microbial growth develops, add additional Agribrom(R) Granules until the bromine residual reaches 10 to 15 mg/L. Continue treatment until fouling is eliminated, then resume treatment between 5 and 10 mg/L bromine.

MEASUREMENT OF BROMINE RESIDUALS: Treatment levels of Agribrom(R) Granules can best be measured with an Agribrom(R) test kit.

Bromine residuals should be measured in water taken from the treated system while it is running. Tests should be made immediately after drawing water samples from the system. Use the Agribrom(R) test kit according to directions.

Treatment with Agribrom(R) Granules should be discontinued during application of other pesticides through irrigation systems.

Application of Agribrom(R) Granules above labelled rates may result in phytotoxicity. If symptoms of phytotoxicity develop, check bromine residual and lower or discontinue treatment.

Agribrom(R) Granules may be applied through automatic water

distribution systems, including drip (trickle) irrigation system(s), boom, mist, fog, capillary mat, spaghetti tubes, or ebb-and-flow. Do not apply this product through any other type of irrigation system.

Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.

A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

The system must contain a functional check valve, vacuum relief valve and an appropriately located low pressure drain on the irrigation pipeline to prevent water source contamination from backflow. Water treated with Agribrom(R) is not to be used for human or animal (livestock) consumption.

Systems must be constructed of materials that are compatible with Agribrom(R) such as CPVC or PVC.

The preferred application method is through a brominator or Anderson, Smith, Giwa, and Dosmatic devices; use of Agribrom(R) in supply tanks is not recommended. If a stock solution of Agribrom(R) is used with a proportional injector, follow the preparation instructions on the appropriate Product Information Sheet available from your Agribrom(R) distributor.

Apply Agribrom(R) continually except during application of pesticides through irrigation systems.

PRECAUTIONS

Causes eye and skin damage. May be fatal if swallowed. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Irritating to nose and throat. Avoid breathing dust. Remove and wash contaminated clothing before reuse. When entering areas during fog or mist treatments, wear a chemical cartridge respirator with NIOSH TC23C-47 cartridges or equivalent.

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

FIRST AID

If Swallowed: Seek medical attention promptly. DO NOT INDUCE VOMITING. Do not drink alcohol. Drink at least 250 mL (8 ounces) of water (not to exceed 0.23 oz. per pound in a child).

Skin Contact: Remove contaminated clothing immediately. Brush off excess chemical and wash skin with plenty of soap and water, flushing the skin with water for at least 15 minutes. If skin irritation develops, seek medical attention.

Eye Contact: Irrigate eyes with plenty of room temperature water for at least 15 minutes, then seek medical attention promptly.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

Storage: Keep product dry in tightly closed container when not in use. Store in a cool, dry, well ventilated area away from heat, open flames, organic chemicals and sunlight. Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

Disposal:

1. Rinse the emptied container thoroughly and 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.
5. For information on the disposal of unused, unwanted product and the cleanup of spills, contact the Provincial Regulatory Agency or the Manufacturer.

NOTICE TO BUYER: Seller's guarantee shall be limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

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