

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

DANGER

KEEP OUT OF REACH OF CHILDREN CORROSIVE

Causes severe eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling. Harmful or fatal if swallowed. Avoid contamination of food.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge effluent containing this active ingredient into lakes, streams, ponds or public waters unless in accordance with NPDES permit. Do not discharge effluent containing this product into sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your Regional Office of the Environmental Protection Agency.

DIRECTIONS FOR USE

In accordance with Federal Law to use this product in a manner consistent with its labeling.

INITIAL APPLICATION FOR SWIMMING POOLS

(To A Clean Pool)

Apply MAQUAT LC12S-50% at 5.25 to 10.25 ounces per 1000 gallons of water. If algae growth is visible apply the full dose. Vacuum pool after 24 hours to remove dead algae. Repeat dose as necessary until pool is clear of algae.

CONTINUED APPLICATION

Apply MAQUAT LC12S-50% at 1.33 to 3.85 ounces per 1000 gallons of water to maintain 2 ppm active. Chlorine test kits are available for this use.

BOOSTER APPLICATION

Apply MAQUAT LC12S-50% at 5.25 to 10.25 ounces per 1000 gallons of water after a prolonged rainfall or when there is a heavy algae bloom.

When swimming should be followed even when the pool is clear.

INDUSTRIAL AND/OR COMMERCIAL RECIRCULATING COOLING WATER TOWERS AND RECIRCULATING COOLING WATER SYSTEMS

This product aids in the control of bacterial, fungal and algal slimes in evaporative condensers, heat exchange water system, commercial and industrial cooling towers, influent systems such as flow through filters and lagoons, industrial water scrubbing systems and brewery pasteurizers.

INITIAL APPLICATION

(To A Clean System)

The dose should be poured into the sump of a system which is clean or in which growth is first noticed.

5.25 to 10.25 fluid ounces (20 to 40 ppm on an active quaternary basis) per 1000 gallons of contained water. When heavy algae growth is present, system will have to be cleaned manually.

SUBSEQUENT APPLICATION

1.33 to 3.85 fluid ounces (5 to 15 ppm on an active quaternary basis) per 1000 gallons of contained water.

The above directions are to be followed twice weekly or as needed.

If algae growth is noticeable, apply the initial dose.

AUXILIARY SERVICE WATER AND WASTE WATER SYSTEMS

This product is effective for the control of odor-forming and slime-forming bacterial, fungi and algae in auxiliary service water systems such as fire protection systems and pump or screen trays, water waste material disposal, holding or recovery systems such as storage tanks, storage piles, associated piping, settling ponds or lagoons, transport spillways or canals and disposal wells.

This product may be added to the system by slug or intermittent feed or by spraying onto a waste pile. The frequency of feed or spray and the duration of treatment will depend upon the severity of the contamination. Additions to water systems should be made during the pumping operation and as close to the pump as possible to ensure adequate mixing.

INTERMITTENT OR SLUG METHOD

When treatment is required, add this product at the rate of 5.25 to 10.25 ounces per 1000 gallons of water already in the system, or being added to the system, for 4 to 8 hours, 1 to 4 times per week or as needed to achieve the desired level of control. When control is obtained, add this product at the rate of 1.33 to 3.85 ounces per 1000 gallons of water in the system.

ONCE THROUGH FRESH WATER COOLING SYSTEM

- 1. Wear safety glasses, rubber gloves and impervious apron.
2. Add product directly from drum or add the product at a point where it will be mixed uniformly.
3. To reduce foaming, mix 2 parts of water to 1 part of product.
4. 0.15 to 1.5 fluid ounces (1-10 ppm on an active quaternary basis) per thousand gallons.
5. Do not discharge without performing proper deactivation. To perform deactivation use Bentonite Clay. The minimum ratio to be used is 5 ppm of clay to 1 ppm of product.
6. Do not use product more than 4 times per year.
7. Treatment time can not exceed 120 hours/application.
8. Avoid oxidizers and reducing agents. product is cationic and should not be mixed with soap or anionic surfactants.

Pm 31 10324-21

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MAQUAT LC12S-50%

MAQUAT LC12S-50% for control of Algae, Fungi and Bacterial Slimes in Recirculating Water Systems, Auxiliary Water and Waste Water Systems and Water Cooling Systems.
MOLLUSCS IN ONCE THROUGH FRESH WATER COOLING SYSTEMS

ACTIVE INGREDIENTS:
n-Alkyl (67% C12, 25% C11, 7% C10, 1% C9) 50.0%
dimethyl benzyl ammonium chloride 50.0%
INERT INGREDIENTS: 50.0%
TOTAL: 100.0%
Weight Approx. 8 lbs/gal.

KEEP OUT OF REACH OF CHILDREN DANGER

STATEMENT OF PRACTICAL TREATMENT

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove contaminated clothing and wash before reuse.

If swallowed, drink promptly a large quantity of egg whites, gelatin solution, or, if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

Mason Chemical Company



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E.P.A. Reg. No. 10324-21
E.P.A. Est. No. 10324-E-1

ACCEPTED
SEP 24 1993
Under the Federal Insecticide, Fungicide, and Herbicide Act, as amended, this pesticide registered under EPA Reg. No. 10324-21

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STORAGE AND DISPOSAL

1. PROHIBITIONS
DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL. OPEN DUMPING IS PROHIBITED. DO NOT REUSE EMPTY CONTAINER.

2. STORAGE INSTRUCTIONS
STORE IN ORIGINAL CONTAINER. KEEP FROM FREEZING.

3. SPILL OR LEAK PROCEDURES
SMALL SPILLS MAY BE MOPPED UP, FLUSHED AWAY WITH WATER OR ABSORBED ON SOME ABSORBENT MATERIAL AND INCERATED. LARGE SPILLS SHOULD BE CONTAINED, THE MATERIAL THEN MOVED INTO CONTAINERS AND DISPOSED OF BY APPROVED METHODS FOR HAZARDOUS WASTES.

4. PESTICIDE DISPOSAL
PESTICIDE WASTES ARE ACUTELY HAZARDOUS. IMPROPER DISPOSAL OF EXCESS PESTICIDE SPRAY MIXTURE, OR RINSATE IS A VIOLATION OF FEDERAL LAW. IF THESE WASTES CANNOT BE DISPOSED OF BY THE USE ACCORDING TO LABEL INSTRUCTIONS, CONTACT YOUR STATE PESTICIDE OR ENVIRONMENTAL CONTROL AGENCY, OR THE HAZARDOUS WASTE REPRESENTATIVE AT THE NEAREST EPA REGIONAL OFFICE FOR GUIDANCE.

5. CONTAINER DISPOSAL
TRIPLE RINSE (OR EQUIVALENT) THEN OFFER FOR RECYCLING OR RECONDITIONING, OR PUNCTURE AND DISPOSE OF IN A SANITARY LANDFILL, OR BY OTHER PROCEDURES APPROVED BY STATE AND LOCAL AUTHORITIES.

6. GENERAL
CONSULT FEDERAL, STATE OR LOCAL DISKIN, AUTHORITIES FOR APPROVAL OF ALTERNATIVE PROCEDURES SUCH AS LIMITED OPEN BURNING.

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BATCH NO.