

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAY 24 1993

Mason Chemical Company  
721 W. Algonquin Road  
Arlington Heights, IL 60005

Attention: Marc Mason  
General Manager

Subject: Product Name: Maquat LC12S-50%  
EPA Registration No. 10324-21  
Your Amendment Dated May 10, 1993

The amendment (adding Recirculating Water Cooling Towers), referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the following labeling changes below before you release the product for shipment bearing the amended labeling.
  - a. Revise the left and front panel heading "water cooling towers" to read  
  
"Industrial and/or commercial recirculating cooling water towers"
  - b. Add the letter "s" to the heading: Inert Ingredient

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). A release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the labeling is enclosed for your records.

Sincerely,

John H. Lee *[Signature]*  
Product Manager 31  
Antimicrobial Program Branch  
Registration Division (H7505C)

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS  
& DOMESTIC ANIMAL  
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. Harmful or fatal if swallowed. Avoid contamination of food. Wash thoroughly with soap and water after handling.

**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**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

**INITIAL APPLICATION FOR SWIMMING POOLS  
(To A Clean Pool)**

26 fluid oz. MAQUAT LC125-50% to each 50,000 gallons of water or ratio thereof. If algae growth is visible apply the initial dose. Vacuum pool after 24 hours to remove dead algae. If algae is still visible repeat dose as necessary until pool is free of visible algae.

**CONTINUED APPLICATION**

6.5 fluid oz. MAQUAT LC125-50% in 50,000 gallons of water every 3-5 days or as needed to maintain 2 ppm active. Quaternary Test Kits are available for this use.

**BOOSTER APPLICATION**

6.5 fluid oz. MAQUAT LC125-50% in 50,000 gallons of water after a heavy or prolonged rainfall or when there is a heavy bathing load.

The above directions should be followed even when the pool is not in use.

**INITIAL APPLICATION FOR RECIRCULATING  
WATER COOLING TOWERS  
(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.

PH31  
**MAQUAT**

LC125-50%

MAQUAT LC125-50% for control of Algae and Algal Slime Growth in Swimming Pools and Water Cooling Systems

**ACTIVE INGREDIENT:**

n-Alkyl (67% C<sub>12</sub>, 25% C<sub>14</sub>, 7% C<sub>16</sub> & 1% C<sub>18</sub>)  
dimethyl benzyl ammonium chloride

**INERT INGREDIENT:**

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.**

**BEST AVAILABLE COPY**

**Mason Chemical Company**



"The Quaternary Specialists"  
721 W. ALGONQUIN ROAD  
ARLINGTON HEIGHTS, IL 60005  
708/290-1821  
TOLL FREE:  
1-800-362-1855  
E.P.A. Reg. No. 10324-21  
E.P.A. Est. No. 10324-R-1

MAY 24 1993

**STORAGE AND**

1. PROHIBITIONS  
DO NOT CONTAMINATE  
BY STORAGE OR DISPOSE  
PROHIBITED. DO NOT  
CONTAINERS.

2. STORAGE INSTRUCTIONS  
STORE IN ORIGINAL CONTAINER  
KEEP FROM FREEZING

3. SPILL OR LEAK PROCEDURE  
SMALL SPILLS MAY BE CLEANED  
AWAY WITH WATER OR  
ABSORBENT MATERIAL.  
LARGE SPILLS SHOULD BE  
MATERIAL THEN MOVE TO  
DISPOSED OF BY APPROPRIATE  
HAZARDOUS WASTES.

4. PESTICIDE DISPOSAL  
PESTICIDE WASTES ARE  
IMPROPER DISPOSAL  
SPRAY MIXTURE, OR  
OF FEDERAL LAW, IF  
BE DISPOSED OF BY  
LABEL INSTRUCTIONS  
PESTICIDE OR ENVIRONMENTAL  
AGENCY, OR THE  
REGIONAL OFFICE FOR

5. CONTAINER DISPOSAL  
TRIPLE RINSE (OR EQUIVALENT)  
FOR RECYCLING OR  
PUNCTURE AND DISPOSE  
LANDFILL, OR BY  
APPROVED BY STATE

6. GENERAL INFORMATION  
CONSULT FEDERAL, STATE,  
AUTHORITIES FOR APPROPRIATE  
PROCEDURES SUCH AS  
BURNING.

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