

OCT 19 1993

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

Attention: Marc M. Mason
 General Manager

Subject: Product Name: Maquat MC1412-50%-W
 EPA Registration No. 10324-42
 Your Amendment Dated July 23, 1993

The amendment (adding once through fresh water cooling systems) 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. Delete the word: milk.
 - b. Add the following additional instructions to the Directions For Use section.

Use of the product in either public/municipal or single or multiple family private/residential potable/drinking water systems is strictly prohibited. Use of the product in any cooling water system that discharges effluent within 1/4 mile of either a public/municipal or single or multiple family private/residential potable/drinking water intake is strictly prohibited.

CONCURRENCES

SYMBOL							
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- c. Add the words: Federal Law, to the misuse statement
- d. Revise the Environmental Hazards statement to read:

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.


- e. It is preferred that the Misuse statement be placed directly below the heading: Directions for Use.
- f. Revise the heading: "recirculating water cooling towers" to read "Industrial and/or commercial recirculating cooling water towers"
- g. Delete the statement: Measures against circulatory shock, as well as oxygen, and measures to support breathing manually or mechanically may be needed.

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.

If you have any questions concerning this letter, contact V. Goncarovs at 703-305-6663.

Sincerely,

John H. Lee 
 Product Manager 31
 Antimicrobial Program Branch
 Registration Division (H7505C)

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PRECAUTIONARY STATEMENTS

DANGER

HAZARDS TO HUMANS & DOMESTIC ANIMALS

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. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge into lakes, ponds, streams, estuaries, oceans or public water unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product into sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

Do not use water containing residue from use of this product to irrigate crops used for food or feed. It is a violation to use this product in a manner inconsistent with its labeling.

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.

MAQUAT MC1412-50%-W

MAQUAT MC1412-50% for Control of Algae and Algal Slime Growth in Water Cooling Systems and Molluscs in once through fresh water cooling systems

ACTIVE INGREDIENT:

n-Alkyl (50% C12, 40% C11, 10% C10) dimethyl benzyl ammonium chloride 50.0%

INERT INGREDIENTS: 50.0%

TOTAL 100.0%

Weight approx. 8 lbs./gallon

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 and wash contaminated clothing before use.

If swallowed, drink promptly a large quantity of milk, 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. Measures against circulatory shock, as well as oxygen and measures to support breathing manually or mechanically may be needed.

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Mason Chemical Company "The Quaternary Specialists"

5253 WEST BELMONT AVENUE CHICAGO, ILLINOIS 60641 312/282-0200 OUTSIDE ILLINOIS: 1-800-362-1855

E.P.A. Reg. No. 10324-42 E.P.A. Est. No. 10324-NJ-1



with COMMENTS in EPA Letter Dated:

OCT 19 1993

for the Federal Insecticide, Fungicide, and Herbicide Act... registered under FIFRA Act, No. 10324-42

- 1. Wear safety glasses, rubber gloves... 2. To reduce leaching, mix 2 parts... 3. Add product directly from... 4. 0.15 to 1.5 fluid ounces per... 5. Do not discharge into... 6. Do not use product near... 7. Treatment time can reduce... 8. Avoid oxidizers and red... 9. Product is caustic and should...

STORAGE AND DISPOSAL

1. PROHIBITIONS DO NOT CONTAMINATE STORAGE OR DISPOSAL. PROHIBITED. DO NOT REUSE.

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

3. SPILL OR LEAK PROCEDURES SMALL SPILLS MAY BE CLEANED AWAY WITH WATER OR ADSORBENT MATERIAL.

4. PESTICIDE DISPOSAL PESTICIDE WASTES ARE NOT TO BE PROPER DISPOSAL OF MIXTURE, OR RINSEATE LAW. IF THESE WASTES THE USE ACCORDING CONTACT YOUR STATE LOCAL CONTROL AGENCY REPRESENTATIVE AT THE OFFICE FOR GUIDANCE.

5. CONTAINER DISPOSAL TRIPLE RINSE (OR EQUIVALENT) AND RECYCLING OR REUSE AND DISPOSE OF IN A MANNER AND OTHER PROCEDURES APPROVED BY LOCAL AUTHORITIES.

Net Contents

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