

FEB 17 1994

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

Attention: Marc M. Mason
General Manager

Subject: Product Name: Maquat TC76-50%
EPA Registration No. 10324-19
Your Amendment Dated February 11, 1994

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. 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.

- b. Revise the heading: "water cooling systems" to read

"Industrial and/or commercial recirculating cooling water towers"

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

- 2 -

c. 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.

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,

Marchall Swindell
Acting Product Manager 31
Antimicrobial Program Branch
Registration Division (H7505C)

CONCURRENCES

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**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.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

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)**

25 fluid oz MAQUAT TC76-50% to each 20,000 gallons of water or ratio thereof. If algae growth is visible apply the label 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 TC76-50% to each 20,000 gallons of water every 3-5 days or as needed to maintain 2 ppm active. Check every 7 days and reapply as needed for this use.

BOOSTER APPLICATION

6.5 fluid oz MAQUAT TC76-50% to each 20,000 gallons of water after a heavy or prolonged rainfall or when there is a heavy spring flood.

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

**INITIAL APPLICATION FOR INDUSTRIAL AND/OR
COMMERCIAL RECIRCULATING COOLING
WATER TOWERS (To A Clean System)**

The dose should be poured into the pump 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 quarterly basis) per 1000 gallons of recirculated water. When heavy algae growth is present, a-storm will have to be observed manually.

SUBSEQUENT APPLICATION

1.22 to 3.95 fluid ounces (5 to 18 ppm on an active quarterly basis) per 1000 gallons of recirculated water.

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

If algae growth is noticeable, apply the initial dose.

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 quarterly basis) per thousand gallons.
5. Do not discharge without performing proper dechlorination. To perform dechlorination use Bentonite Clay. The minimum rate 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 cannot exceed 120 hours/application.
8. Avoid overfertilization and m-futing agents.
9. Product is caustic and should not be mixed with soap or anionic surfactants.

**MAQUAT
TC76-50%**

MAQUAT TC76-50% for control of Algae and Algal Slime Growth in Swimming Pools and Water Cooling Systems

Not Effective in Once Through Cooling Systems

ACTIVE INGREDIENTS:

n-Allyl (80% C₁₄, 30% C₁₀, 5% C₁₂, 5% C₁₆) 49.8%
dimethyl benzyl ammonium chloride 0.2%
n-Dialkyl (80% C₁₄, 30% C₁₀, 5% C₁₂, 5% C₁₆) 50.0%
methyl benzyl ammonium chloride 0.0%

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 inmediately.

NOTE TO PHYSICIAN

Probable successful dosage may contraindicate the use of gastric lavage.

SEE LEFT PANEL

FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

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 INCINERATED. 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 RESIDUE IS A VIOLATION OF FEDERAL LAW. IF THESE WASTES CANNOT BE DISPOSED OF BY THE USER 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 DISPOSAL AUTHORITIES FOR APPROVAL OF ALTERNATIVE PROCEDURES SUCH AS LIMITED OPEN BURNING.

NET CONTENTS

BATCH NO.



Mason Chemical Company

"The Outdoors Specialist"
721 W. ALGONQUIN ROAD
MILWAUKEE, WIS. 53214
708/299-1621
TOLL FREE
1-800-368-1896
E.P.A. Reg. No. 10284-19
E.P.A. Est. No. 10284-1

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