

MAR 04 1994

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

Attention: Marc M. Mason
General Manager

Subject: Maquat TC76-16%
EPA Registration No. 10324-23
Your Amendment Dated November 11, 1993
This letter supersedes the EPA letter of February 28, 1994

The amendment (revised CSF-alternate source) referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable.

Make the following labeling changes below before you release the product for shipment bearing the amended labeling.

- a. Revise the heading: "water cooling systems" to read:
"Industrial and/or commercial recirculating cooling water towers"
- b. Revise the Environmental Hazards section to comply with PR Notice 93-10.
- c. Revise the Inert Ingredient percentage to read: 84.000% for consistency.
- d. Revise the Total Ingredient percentage to read: 100.000% for consistency.

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

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

2073

- 2 -

However note for future reference that the upper certified limit (Block 14a) should be around 16.8% and the lower certified limit (Block 14b) should be around 15.2% for this product. (correction from EPA letter of February 28, 1994)

The submitted Confidential Statement of Formula (dated November 11, 1993) is acceptable. ~~Note also that this confidential will supersede all previous confidential.~~ UG.

Your release for shipment of the product constitutes acceptance of these conditions.

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

Sincerely,



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

Enclosures

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

3013

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)**

80 fluid oz. MAQUAT TC76-16% 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

20 fluid oz. MAQUAT TC76-16% 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

20 fluid oz. MAQUAT TC76-16% 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 AND RETORT
WATER SYSTEM
(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.

16 to 32 fluid ounces (20 to 40 ppm on an active quaternary basis) per 1000 gallons of recirculating water. When heavy algae growth is present, system will have to be cleaned manually.

SUBSEQUENT APPLICATION

4 to 12 fluid ounces (5 to 15 ppm on an active quaternary basis) per 1000 gallons of recirculating water.

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

If algae growth is noticeable, apply the initial dose.

**MAQUAT
TC76-16%**

MAQUAT TC76-16% for control of Algae and Algal Slime Growth in Swimming Pools and Water Cooling Systems.

ACTIVE INGREDIENTS:

n-Alkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈)
dimethyl benzyl ammonium chloride 15.936
r-Dialkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈)
methyl benzyl ammonium chloride 0.064

INERT INGREDIENTS: 84.000

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
708/290-1621
TOLL FREE:
1-800-382-1855
E.P.A. Reg. No. 10324-23
E.P.A. Est. No. 10324-IL-1



ACCEPTED
with COMMENTS
to EPA Letter Dated

MAR 04 1994

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
10324-23

STORAGE

1. PROHIBITION
DO NOT CONTAIN
BY STORAGE OR
PROHIBITED.
CONTAINER.

2. STORAGE IN
STORE IN ORIGINAL
KEEP FROM FIRE

3. SPILL OR LEAK
SMALL SPILLS
AWAY WITH WATER
ABSORBENT
LARGE SPILLS
MATERIAL SHOULD
DISPOSED OF
HAZARDOUS WASTE

4. PESTICIDE OR
PESTICIDE WASTE
IMPROPER DISPOSAL
SPRAY MIXTURE
OF FEDERAL LAW
BE DISPOSED OF
LABEL INSTRUCTIONS
PESTICIDE OFFICE
AGENCY, OR
REPRESENTATIVE
REGIONAL OFFICE

5. CONTAINER
TRIPLE RINSE
FOR RECYCLING
PUNCTURE AND
LANDFILL, OR
APPROVED BY

6. GENERAL
CONSULT FEDERAL
AUTHORITIES FOR
PROCEDURES
BURNING.

NET CONTENT