

NOV 16 1993

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

Attention: Marc M. Mason  
 General Manager

Subject: Maquat 50-CT  
 EPA Registration No. 10324-77  
 Your Amendment Dated November 4, 1993

The amendment (adding molluscs for 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:

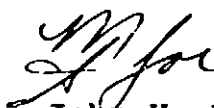
Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

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)

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

# MAQUAT 50-CT

A Water Treatment Microbiocide for  
Recirculating Cooling Water Tower, and  
*Molluscs in once through fresh  
water cooling systems.*

#### ACTIVE INGREDIENTS:

n-Alkyl (60% C <sub>12</sub> , 30% C <sub>14</sub> , 5% C <sub>16</sub> , 5% C <sub>18</sub> )	
dimethyl benzyl ammonium chloride .....	25.0%
n-Alkyl (68% C <sub>12</sub> , 32% C <sub>14</sub> )	
dimethyl ethyl benzyl ammonium chloride ..	25.0%
INERT INGREDIENT: .....	50.0%
TOTAL .....	100.0%

Weight Approx. 8 lb/gal.

**KEEP OUT OF REACH  
OF CHILDREN**

## DANGER

See side panel for additional  
precautionary statements

**BEST AVAILABLE COPY**

### Mason Chemical Company



"The Quaternary Specialists"  
721 W. ALGONQUIN ROAD  
ARLINGTON HTS., IL 60005  
708/290-1621  
TOLL FREE:  
1-800-362-1855

EPA Reg No: 10324-77  
EPA Est. No. 10324-IL-1

### PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS  
& DOMESTIC ANIMALS

### DANGER

KEEP OUT OF REACH  
OF CHILDREN

### 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. If swallowed, drink promptly a large quantity of egg whites, gelatin solution; or if these are unavailable, drink large quantities of water. Avoid alcohol. Call a physician immediately.

#### NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

#### CORROSIVE

Causes severe eye and skin damage. Do not get in eyes, on skin, or clothing. Remove contaminated clothing and wash before reuse. 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 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.

#### PHYSICAL OR CHEMICAL HAZARDS

Do not mix with soap or anionic materials.

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

10/10/83  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended for the pesticide  
registered under EPA Reg. No.  
10324-77

### DIRECTIONS

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

Use of the product in either public/municipal potable/drinking water systems or cooling water system that discharges effluent to single or multiple family private/residential premises is prohibited.

To control algae and bacterial slimes use as directed. The frequency of addition of product should be adjusted to water conditions. To optimize your use of Maquat 50-CT

#### INDUSTRIAL AND RECIRCULATING COOLING TOWERS

- Initially use 6 fluid ounces per 1,000 gallons of water (0.6 quaternary). Should the above dosage not give satisfactory results, repeat the initial dose every seven days. Repeat the initial dose every seven days. When the above treatment level is satisfactory, dilute the appropriate amount of Maquat 50-CT to the lower range of the label. Dilute the appropriate amount of Maquat 50-CT to the lower range of the label. Dilute the appropriate amount of Maquat 50-CT to the lower range of the label. Dilute the appropriate amount of Maquat 50-CT to the lower range of the label.
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Note, this product weighs 8 lbs. per gallon. Should tower be heavily fouled, a precleaning is recommended.

#### ONCE THROUGH FRESH WATER

- Wear safety glasses, rubber gloves and protective clothing.
- Add product directly from drum or add to water mixed uniformly.
- To reduce foaming, mix 2 parts of water to 1 part of product.
- 0.15 to 1.5 fluid ounces (1-10 ppm of product).
- Do not discharge without performing a water test. Use Bentonite Clay. The minimum dosage is 100 lbs. per 100,000 gallons of product.
- Do not use product more than 4 times per year.
- Treatment time can not exceed 120 minutes.
- Avoid oxidizers and reducing agents.
- Product is cationic and should not be used in hard water.

#### STORAGE

PROHIBITIONS - Do not store near heat, fire, or food or feed by storage or disposal.

PESTICIDE DISPOSAL - Pesticide wastes of excess pesticide, spray mixture, or residues cannot be disposed of by use of incineration, landfill, or other means. Contact State Pesticide or Environmental Control Representative at the nearest EPA Regional Office for disposal instructions.

#### CONTAINERS

Metal Containers: Triple rinse (or equivalent) and then dispose of in a sanitary manner, or puncture and dispose of in a sanitary manner, or puncture and dispose of in a sanitary manner, or puncture and dispose of in a sanitary manner.

Plastic Containers - Triple rinse (or equivalent) and then dispose of in a sanitary manner, or puncture and dispose of in a sanitary manner, or puncture and dispose of in a sanitary manner, or puncture and dispose of in a sanitary manner.

Tank Cleaning - Transport tanks and equipment must be flushed with water to properly remove residue. Flush with water to properly remove residue. Flush with water to properly remove residue. Flush with water to properly remove residue.