

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

Maquat 50-CT

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Mason Chemical Company  
721 West Algonquin Road  
Weber Atrium Centre  
Arlington Heights, IL 60005

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment:

a. Add the phrase "EPA Registration No. 10324-77".

b. Add the following additional instructions.

Do not use water containing residues from use of this product to irrigate crops used for food or feed.

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.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

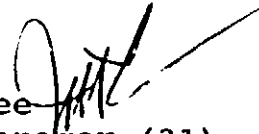
c. Revise the Environmental Hazards statement to read:

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

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

Sincerely,

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

Enclosures

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

# MAQUAT 50-CT

A Water Treatment Microbiocide for  
Recirculating Cooling Water Tower

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

"The Quaternary Specialists"  
721 W. ALGONQUIN ROAD  
ARLINGTON HEIGHTS, IL 60005  
708/290-1621  
TOLL FREE:  
1-800-362-1855  
E.P.A. Reg. No. 10324  
E.P.A. Est. No. 10324-P-1

NET CONTENTS

**PRECAUTIONARY  
STATEMENTS  
HAZARDS TO HUMANS  
AND 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 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. Do not apply in Marine and Estuarine oil fields. For guidance contact your Regional Office of the Environmental Protection Agency.

#### PHYSICAL OR CHEMICAL HAZARDS

Do not mix with soap or anionic materials.

#### DIRECTIONS

It is a violation of Federal Law to use this product

To control algae and bacterial slimes use as directed. The frequency of addition of microbicide will vary with the rate of recirculation. Maximize your use of Maquat 50-CT, follow the instructions on the label.

INDUSTRIAL AND

RECIRCULATING COOLING WATER

1. Initially use 6 fluid ounces per 1,000 gallons of water (0.6 quaternary). Should the above dosage not give satisfactory results, increase the dosage to 12 fluid ounces per 1,000 gallons of water. Repeat the initial dose every seven days.
2. When the above treatment level is successful, reduce the dosage to 3 fluid ounces per 1,000 gallons of water to maximize efficiency. Repeat weekly. Should slime develop again, go back to the initial dosage.
3. Cooling towers that are inherently low in alkalinity should be treated with a low pH product. Dilute the appropriate amount of Maquat 50-CT with water to the appropriate pH range of these dosages.
- Note: this product weighs 8.25 lbs. per gallon.
- Should tower be heavily fouled, a precleaning is recommended.

#### ONCE THROUGH FRESH WATER

1. Wear safety glasses, rubber gloves and a mask.
2. Add product directly from drum or add to water uniformly.
3. To reduce foaming, mix 2 parts of water with 1 part of product.
4. 0.15 to 1.5 fluid ounces (1-10 ppm on average).
5. Do not discharge without performing a water test. Add Bentonite Clay. The minimum ratio to be used is 1:1.
6. Do not use product more than 4 times per year.
7. Treatment time can not exceed 120 hours.
8. Avoid oxidizers and reducing agents.
8. Product is cationic and should not be mixed with anionic materials.

#### STORAGE

**PROHIBITIONS** - Do not store near heat or fire. Do not store in a confined space. Do not store in a room used for food or feed by storage or disposal.  
**PESTICIDE DISPOSAL** -Pesticide waste should be disposed of by use according to the label. Do not discharge excess pesticide, spray mixture, or rinse water into the environment. Contact your Regional Office of the Environmental Control Agency, or the Hazardous Waste Regional Office for guidance.

#### CONTAINERS

**Metal Containers:**Triple rinse (or equivalent) and dispose of in a sanitary manner. Do not reuse for food or feed.  
**Plastic Containers:**Triple rinse (or equivalent) and dispose of in a sanitary land fill or by other means approved by local authorities, by burning. If burned stay out of the water.  
**TANK CLEANING:**Transport tanks and equipment should be cleaned with water to properly remove all traces of pesticide. Dispose of under Pesticide Disposal. Liquid and solid

**BEST AVAILABLE COPY**