

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Mark M. Mason  
General Manager  
Mason Chemical Company  
721 W. Algonquin Road  
Arlington Heights, IL 60005

AUG 20 2002

Subject: Maquat MQ615-CT  
EPA Registration No. 10324 -73  
Amendment dated: July 3, 2002  
EPA Received date: July 9, 2002

Dear: Mr. Mark Mason,

The following amendment submitted in connection with registration under section 3(c)(7)(a) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) as amended, is acceptable with the condition listed below :

- Update Precautionary, First Aid and Disposal Statements for Maquat MQ615-CT

**Condition:**

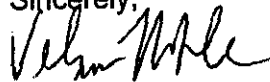
1. Delete the phrase "( Larger than 1 gal) " under the Storage and Disposal-Container Disposal heading.

**General Comments**

A stamped label is enclosed for your records. Please submit three (3) copies of your final printed label before distributing or selling the product bearing the revised labeling. If the above condition is not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of this condition.

If you have any questions regarding this letter, please contact Velma Noble at (703) 308-6233

Sincerely,



Velma Noble  
Product Manager (31)  
Regulatory Management Branch1  
Antimicrobial Divisions (7510e)

CONCURRENCES

SYMBOL	7510(C)						
SURNAME	A. Peters						
DATE	8/19/02						

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS  
AND DOMESTIC ANIMALS**

**DANGER, Keep Out of Reach of Children.** Corrosive. Causes irreversible eye damage and skin burns. May be fatal if absorbed through the skin. Harmful if swallowed. Harmful if inhaled. Avoid breathing spray mist. Do not get into eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves and protective clothing when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

*(If container is 5 gallons or larger the following statement must appear on the label)*

**ENVIRONMENTAL HAZARD**

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 into 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 oxidizers, anionic soaps and detergents

This water treatment microbiocide will control algae and bacterial slimes found in recirculating cooling tower waters and oil field water flood. This microbiocide helps clean and loosen slime debris from cooling and flooding system surfaces. When used in slug doses, no other microbiocide is required.

*(If the container is greater than one gallon use the following storage and disposal statements)*

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Open dumping is prohibited. Store only in original container. Do not reuse empty container. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use. Keep from freezing.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of federal law. If these wastes cannot be disposed of by use 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.

**CONTAINER DISPOSAL** (Larger than 1 gal.) - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration or if allowed by State and local authorities, by burning. If burned stay out of smoke.

**TANK CLEANING** - Transport tanks and equipment should be thoroughly drained and flushed with water to properly remove all traces of product. Dispose of washings as indicated above under Pesticide Disposal. Liquid and solid residues are hazardous.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

To control algae and bacterial slimes use this water treatment microbiocide as directed. For best results slug feed. The frequency of addition of microbiocide needed depends on many factors. To optimize your use of water treatment microbiocide follow this procedure.

**MAQUAT® MQ615-CT**

A Water Treatment Microbiocide for Industrial and/or Commercial Recirculating Cooling Water Towers and Oil Field Water Flood/Salt Water Disposal Systems.

**ACTIVE INGREDIENTS:**

Alkyl (50%C <sub>14</sub> , 40%C <sub>12</sub> , 10%C <sub>16</sub> )	
dimethyl benzyl ammonium chloride .....	3.000%
Octyl Decyl Dimethyl Ammonium Chloride .....	2.250%
Didecyl Dimethyl Ammonium Chloride .....	1.125%
Diocetyl Dimethyl Ammonium Chloride .....	1.125%
<b>INERT INGREDIENTS:</b> .....	<b>92.500%</b>
<b>TOTAL</b> .....	<b>100.000%</b>

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

See left panel for additional precautionary statements

**First Aid**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**IF SWALLOWED:** Call a poison control or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage

ACCEPTED  
COMMENTS  
in EPA Letter Dated:

AUG 20 2002

Industrial Insecticide,  
above and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No.

10324-73

**MASON CHEMICAL COMPANY**

"THE QUATERNARY SPECIALISTS"

721 W. Algonquin Road  
Arlington Heights, IL 60005  
847-290-1621

Toll Free:  
1-800-362-1855

E.P.A. Reg. No. 10324-73  
E.P.A. Est. No. 10324-1L-1



NET CONTENTS

BATCH NO

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**INDUSTRIAL AND/OR COMMERCIAL RECIRCULATING  
COOLING WATER TOWERS**

1. **DOSING LOCATION:** This product is to be applied at a point in the system where it will be uniformly mixed, such as at the sump.
2. **DOSING CONDITIONS:** This product should be applied when the system is in jeopardy of being affected or after cleaning systems where efficiency is already impaired.
3. Initially use 40 fluid ounces per 1,000 gallons (or 1 gallon microbiocide per 3750 gallons) of water to be treated (20 ppm active quaternary).

Should the above dosage not give satisfactory results, use 60 fluid ounces per 1,000 gallons (or 1 gallon microbiocide per 2500 gallons) of water. Repeat the initial dose every seven days or increase the frequency if needed.

4. When the above treatment level is successful, use 14 to 20 fluid ounces per 1,000 gallons of water to maximize efficiency. Repeat weekly as needed. Should slime develop again, go back to initial dosage.

Cooling tower waters that are inherently low in algae growth and bacteria count may be adequately controlled by the lower range of these dosages; slug fed every seven days.

For best results, clean heavily contaminated systems before treatment with this product. If soap or anionic detergent is used, rinse thoroughly before charging with this algaecide.

**OIL FIELD WATER FLOOD OR SALT WATER DISPOSAL SYSTEMS**

(Do not apply in Marine and Estuarine Oil Fields)

1. For the control of slime forming and sulfate reducing bacteria in oil field water flood or salt water disposal systems, add 5-10 ppm (active) of this product (10-20 gallons per 3,000 barrels of water) continuously. Levels for effective control will vary depending on conditions at the site.
2. For intermittent use, dose at rate of 5-20 ppm (active) of this product (10- 40 gallons per 3,000 barrels of water) for 4 to 8 hours per day, one to four times a week as needed to maintain control. Add this water treatment microbiocide directly from the drum with the proper type of metering equipment.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

AUG 20 2002

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 10324-73

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