

10324-3

12-14-10

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Ms. Megha Shah Even  
Agent for Mason Chemical Company  
Technology Sciences Group, Inc.  
1150 18<sup>th</sup> Street, N.W., Suite 1000  
Washington, DC 20036

DEC 14 2010

Subject: Maquat LC12S-50%  
EPA Registration No.: 10324-3  
Amendment Date: August 13, 2010  
EPA Receipt Date: August 16, 2010

Dear Ms. Even,

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

**Conditions**

- 1) Revise the label to provide clarity by deleting the word "only" such that the text on page 1 reads: "For Manufacturing Use".
- 2) Revise the Precautionary Statements to include the following expanded "Wash thoroughly..." statement as per the Label Review Manual. Revise to include: "Wash thoroughly with soap and water after handling *and before eating, drinking, chewing gum, using tobacco or using the toilet.*"
- 3) Revise the Environmental Hazard's statement to be in agreement with the ADBAC RED by including the following statement: "This product is toxic to fish, *aquatic invertebrates, oysters, and shrimp.* Do not discharge effluent containing this product into lakes, streams..."
- 4) Rearrange the First Aid statements to be ordered from the most toxic to the least toxic route of exposure by placing the "If Inhaled" statement just prior to the "If Swallowed" statement.

CONCURRENCES

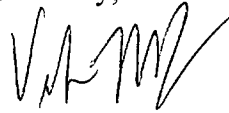
SYMBOL	7510P						
SURNAME	S. J. [Signature]						
DATE	12/13/10						

5) Delete the "Triple rinse or equivalent." statement from the refillable container disposal section on page 2. This information contradicts the information which follows in the Residue Removal Instructions.

**General Comments**

A stamped copy of the accepted labeling is enclosed. Submit one (1) copy of your final printed labeling before distributing or selling the product bearing the revised labeling. Should you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,



Velma Noble  
Product Manager (31)  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

Enclosure: Stamped Label  
7510P:T.Lantz:12/13/10:10324-3 accept label amend

**CONCURRENCES**

SYMBOL							
SURNAME							
DATE							

# MAQUAT<sup>®</sup> LC12S-50%

For Manufacturing Use ~~Only~~  
For Formulation into Antimicrobial Products

## 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 inhaled. Harmful if swallowed or absorbed through the skin. Do not get in eyes, on skin or on clothing. Do not breathe vapor or spray mist. Wear a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any N, R, P or HE filter. Wear goggles or face shield, rubber gloves and protective clothing when handling. Prolonged or frequent skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

### 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 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 oxidizers, soap or other anionic materials.

## MASON CHEMICAL COMPANY "THE QUATERNARY SPECIALISTS"



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Arlington Heights, IL 60005  
847-290-1621  
Toll Free  
1-800-362-1855  
E.P.A. Reg. No. 10324-3  
E.P.A. Est. No. 10324-IL-1

NET CONTENTS

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BATCH NO

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

DEC 14 2010

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 103243

## ACTIVE INGREDIENTS:

Alkyl (67% C<sub>12</sub>, 25% C<sub>14</sub>, 7% C<sub>16</sub>, 1% C<sub>18</sub>) dimethyl benzyl ammonium chloride..... 50.00%

INERT INGREDIENTS: ..... 50.00%

TOTAL: ..... 100.00%

Weight Approx. 8 lbs/gal.

**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 center 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.

## DIRECTIONS FOR USE

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

For formulation into antimicrobial products for use in agricultural/farm premises, structures, buildings, and equipment; food processing plant, food handling, food distribution equipment and premises; commercial, institutional, and industrial premises and equipment (floors, walls, storage areas); air conditioner/refrigeration condensate water systems, once-through and recirculating industrial/commercial cooling water systems, auxiliary water and waste water systems, swimming pools, and decorative pool, fountains and water displays. Mushroom houses/empty premises equipment, wood preservation, egg handling equipment and rooms, and oil field water flood/salt water disposal systems.

Formulators using this product are responsible for providing data for the EPA registration of their formulated products.

f lw

*(Note to reviewer: The title, first statement and next three sections must appear on every label, followed by the appropriate Container Disposal section. All "Notes" are only for reviewers and will not be included on label.)*

### **STORAGE AND DISPOSAL**

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

**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.

*(Note: The following text must be used on all nonrefillable containers)*

**CONTAINER DISPOSAL** (Larger than 1 gal.) – Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. 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.

*(Note: The following text must be used on all refillable containers)*

**CONTAINER DISPOSAL:** ~~Triple rinse (or equivalent)~~. Refillable container. Refill this container with (this product) (Product name) only. Do not reuse this container for any other purpose.

**RESIDUE REMOVAL INSTRUCTIONS** (For containers greater than 5 gallons with Industrial/Commercial Non-public Health Uses): Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration.

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