

OCT 19 1993

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

Attention: Marc M. Mason  
 General Manager

Subject: Product Name: Maquat 40-50%  
 EPA Registration No. 10324-31  
 Your Submission Dated September 7, 1993

The amendment (label update) referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided that you:

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

- a. Add the words: Federal Law, to the misuse statement
- b. Revise "... flush the eyes with plenty of water..." to read:  
 "...flush eyes or skin with plenty of water..."
- 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.

CONCURRENCES

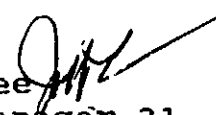
SYMBOL								
SURNAME								
DATE								

d. It is preferred that the Misuse statement be placed directly below the heading: Directions for Use.

2. A release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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 ▶								

**PRECAUTIONARY  
STATEMENTS  
DANGER**

**HAZARDS TO HUMANS  
& DOMESTIC ANIMALS  
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. Remove contaminated clothing and wash before reuse.

**STATEMENT OF  
PRACTICAL TREATMENT**

In case of contact, immediately flush the eyes with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse. If swallowed, drink PROMPTLY a large quantity of egg whites, gelatin solution or, if those are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

**NOTE TO PHYSICIAN**

Probably mucosal damage may contraindicate the use of gastric lavage

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. Do not discharge into lakes, ponds, streams, estuaries, oceans or public water unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product into sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not use or store near heat or open flame.

**DIRECTIONS FOR USE**

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

For Manufacturing Use Only

See Maquat 40-50% Technical Bulletin for additional product information and recommended uses.

Formulators using this product are responsible for EPA registration for their formulated products.

# MAQUAT

40-50%

For use by manufacturers only  
in formulating microbiocides,  
disinfectants, sanitizers,  
and water treatment microbiocides

**ACTIVE INGREDIENTS:**

Octyl decyl dimethyl ammonium chloride .....	25.0%
Dioctyl dimethyl ammonium chloride .....	12.5%
Didecyl dimethyl ammonium chloride .....	12.5%
<b>INERT INGREDIENTS:</b> .....	50.0%
<b>TOTAL:</b> .....	100.0%

Weight Approx 2.75 lb/gal

**KEEP OUT OF REACH  
OF CHILDREN  
DANGER**

See left panel for additional precautionary statements.

## Mason Chemical Company

"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. 10324-31  
E.P.A. Est. No. 10324-IL-1

**BEST AVAILABLE COPY**

ST

1. PROHIBITED  
Do not use for  
feed by  
dumping  
Do not re
2. STORAGE  
Store in  
freezing.
3. SPILLS  
Small spills  
flushed a  
on some  
incinerate  
contained  
into cont  
approved  
wastes.
4. PESTICIDE  
Pesticide  
hazardous  
excess  
rinse is  
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5. CONTAINERS  
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ACCE  
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in EPA Lo

DOT 19

Under the Fed  
August 1971  
29-1000-100  
Registered  
10324-

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ACCEPTED  
FOR CONSIDERATION  
BY EPA  
OCT 19

(0324-3)

I. Statement of Ingredients

Active Ingredients

Octyl decyl dimethyl ammonium chloride	25.0%
Didecyl dimethyl ammonium chloride	12.5%
Diocetyl dimethyl ammonium chloride	12.5%

Inert Ingredients	<u>50.0%</u>
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<b>Total</b>	<b>100.0%</b>
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II. Chemical and Physical Properties

- A. Appearance: Clear to light straw in color - liquid
- B. pH (10% solution in distilled water): 6 - 8
- C. Activity: 50% min.
- D. Color APHA: 375 max.
- E. Compatibility: Maquat 40-50% is cationic; and therefore, is incompatible with soap or anionic surfactants

III. Instructions for Formulations

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

Formulators using this product are responsible for EPA registration for their formulated product.