

PM 31 10324-28 Page 1 of 4  
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

AUG 27 1993

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

Attention: Marc M. Mason  
General Manager

Subject: Product Name: Maquat MQ2525M-50%  
EPA Registration No. 10324-28  
Your Submission Dated June 11, 1993

The amendment (label update and revised CSF) 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. Delete the word: Concentrated.
- b. Add the words: Federal Law, to the misuse statement
- c. Revise the front panel descriptor to read:

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

d. Revise "... flush the eyes with plenty of water..." to read:

"...flush eyes or skin with plenty of water..."

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

3. The submitted Confidential Statement of Formula (dated June 11, 1993) is acceptable. Note also that this confidential will supersede all previous confidentials.

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

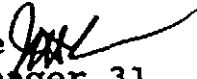
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

2 9 4

- 2 -

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								

**BEST AVAILABLE COPY**

10324-28  
AUG 27 1993

**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 these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

**NOTE TO PHYSICIAN  
ENVIRONMENTAL HAZARDS**

Probably mucosal damage may contraindicate the use of gastric lavage. 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.

**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 MQ2525M 50% Technical Bulletin for additional product information and recommended uses. Formulators using this product are responsible for EPA registration for their formulated products.

**MAQUAT  
MQ2525M-50%**

**Concentrated for the formulation of sanitizers, disinfectants and water treatment microbicides**

**ACTIVE INGREDIENTS**

n-Alkyl (60% C <sub>14</sub> , 30% C <sub>16</sub> , 5% C <sub>12</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%
<b>INERT INGREDIENTS:</b>	<b>50.0%</b>
<b>TOTAL:</b>	<b>100.0%</b>

**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, NJ 60005  
708/290-1621  
TOLL FREE:  
1-800-362-1855  
E.P.A. Reg. No. 10324-28  
E.P.A. Est. No. 10324-IL-1

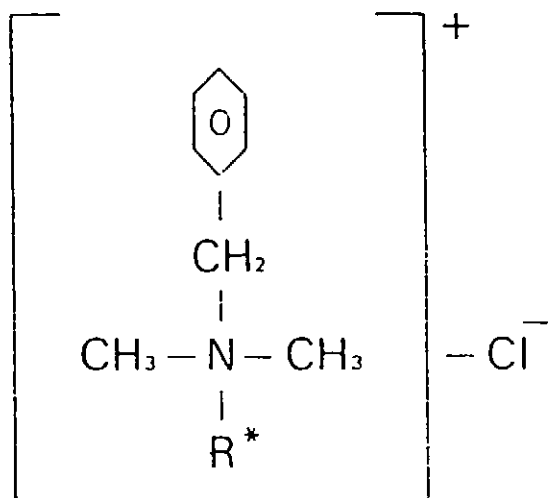
**STORAGE AND DISPOSAL**

- 1. PROHIBITIONS**  
Do not contaminate water, food, feed by storage or disposal. Open dumping is prohibited.
- 2. STORAGE INSTRUCTIONS**  
Store in original container. Keep from freezing.
- 3. SPILL OR LEAK PROCEDURE**  
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.
- 4. 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 the user 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.
- 5. CONTAINER DISPOSAL**  
Triple rinse (or equivalent). Then recycle for recycling or reconditioning, puncture and dispose of in a sanitary landfill, or by other procedure approved by state and local authorities.

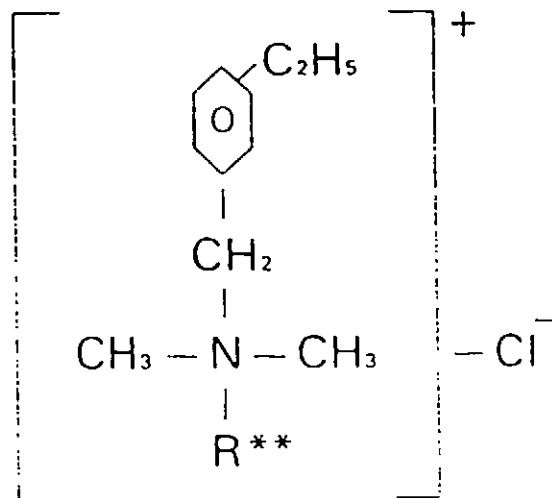
Batch No.

Net Contents

**TECHNICAL BULLETIN**  
**MAQUAT MQ2525M-50% EPA Registration Number 10324-28**



N-Alkyl \* (60% C<sub>14</sub>, 30% C<sub>16</sub>, 5% C<sub>12</sub>, 5% C<sub>18</sub>)  
 dimethyl benzyl ammonium chloride



N-Alkyl \*\* (68% C<sub>12</sub>, 32% C<sub>14</sub>)  
 dimethyl ethyl benzyl ammonium chloride

I. Statement of Ingredients:

Active Ingredients:

N-Alkyl (60% C <sub>14</sub> , 30% C <sub>16</sub> , 5% C <sub>12</sub> , 5% C <sub>18</sub> ) dimethyl benzyl ammonium chloride . . . . .	25%
N-Alkyl (68% C <sub>12</sub> , 32% C <sub>14</sub> ) dimethyl ethyl benzyl ammonium chloride . . . . .	25%
Inert Ingredients: . . . . .	50%
Total: . . . . .	100%

II. Chemical and Physical Properties:

- A. Appearance: A clear to light straw in color - liquid.
- B. pH (10% solution in distilled water): 6.0-8.0
- C. Color (APHA)

100max

ACCEPTED  
 WITH COMMENTS  
 11/20/92

**AUG 27 1993**

10324-28

III. Instructions for formulations:

It is a violation of federal law to use this product in a manner inconsistent with the labeling. Formulators using this product are responsible for EPA and State registrations for their formulated products. All products in which a claim is made of a germicidal, algacidal, bactericidal nature are required to be registered with the Environmental Protection Agency in Washington, D.C.

- IV. Germicidal data available on request.
- V. MSDS and toxicity studies on request.

NON-WARRANTY STATEMENT:

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale. Suggestions for uses of our products should not be understood as recommendations that they be used in violation of any patents.