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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

OCT 19 1993

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

Attention: Marc M. Mason
 General Manager

Subject: Product Name: Maquat MC1412-50%
 EPA Registration No. 10324-6
 Your Amendment Dated July 23, 1993

The amendment (adding once through fresh water cooling systems) referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the following labeling changes below before you release the product for shipment bearing the amended labeling.
 - a. Delete the letter "s" since only one active ingredient is declared on the label.
 - b. Add the following additional instructions to the Directions For Use section.

Formulators are required to add the following statements to their end use product labels.

"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."

CONCURRENCES

SYMBOL						
SURNAME						
DATE						

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

- 2 -

- c. Add the words: Federal Law, to the misuse statement
- d. Revise "... flush the eyes with plenty of water..." to read:
 "...flush eyes or skin with plenty of water..."
- e. 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). A release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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

Sincerely,

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

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SYMBOL								
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DATE								

RECEIVED
 WITH COMMENTS
 IN DIV. 2, ROOM 1100
 OCT 19 1993
 10324-6

BEST AVAILABLE COPY

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
 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 food. It is a violation to use this product in a manner inconsistent with its labeling.

For Manufacturing Use Only
 See Maquat MC1412-50% Technical Bulletin for additional product information and recommended uses. Formulators using this product are responsible for EPA registration for their formulated products.

MAQUAT MC1412-50%

For use by manufacturers only in formulating microbiocides, disinfectants, sanitizers, & fungicides

*water treatment microbiocides
 for use in water through fresh water cooling systems*

ACTIVE INGREDIENTS	
n-Alkyl (50% C ₁₂ , 40% C ₁₁ , 10% C ₁₀)	
dimethyl benzyl ammonium chloride	50.0%
INERT INGREDIENTS:	50.0%
TOTAL:	100.0%

Weight Approx. 8 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. 10324-6
 E.P.A. Est. No. 10324-IL-1

STORAGE AND DISPOSAL

1. PROHIBITIONS
 Do not contaminate feed by storage. Dumping is prohibited. Do not reuse empty containers.

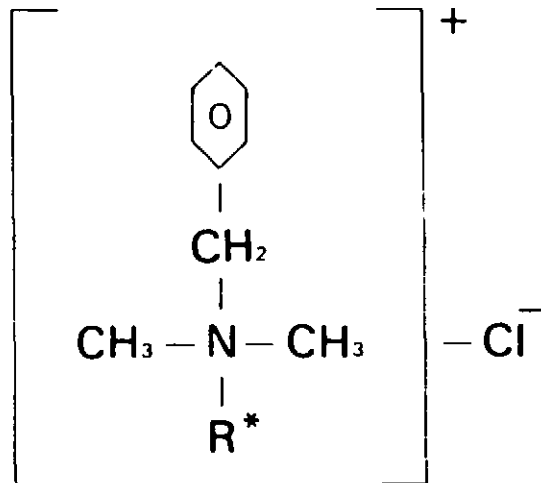
2. STORAGE AND DISPOSAL
 Store in original container. Do not freeze.

3. SPILL OR LEAKAGE
 Small spills may be flushed away with water on some absorbent surfaces. Large spills should be contained, the material should be moved into containers and disposed of by approved methods.

4. PESTICIDE DISPOSAL
 Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mix, or rinsate is a violation of FIFRA. These wastes cannot be released into the environment by the user. For more instructions, contact your State Pesticide or Environmental Control Agency or the nearest Regional Office of the EPA.

5. CONTAINER DISPOSAL
 Triple rinse (or equivalent) before recycling or reuse, or before puncture and disposal in a landfill, or by other approved methods.

Batch No. _____
 Net Content _____



ACCEPTED
with COMMENTS
in EPA Letter Dated:

OCT 19 1993

By the Federal Insecticide, Fungicide, and Rodenticide Act, as amended under EPA

10324-6

N-Alkyl* (50% C₁₄, 40% C₁₂, 10% C₁₆) dimethyl benzyl ammonium chloride

I. Statement of Ingredients:

Active Ingredients:

N-Alkyl (50% C₁₄, 40% C₁₂, 10% C₁₆)

dimethyl benzyl ammonium chloride 50.0%

Inert Ingredients: 50.0%

Total: 100.0%

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

D. Average Molecular Weight: 358

E. Compatibility: Maquat MC1412-50% is cationic and therefore incompatible with soap and anionic surfactants. It is compatible with nonionics and other cationics.

F. Corrosion: At use dilution - is non corrosive to most plastics, natural rubber and monel metal. Corrosive to iron, bronze, brass, aluminum, lead, tin and copper.

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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 and State registrations for their formulated products. All products in which a claim is made of germicidal, algacidal, bactericidal nature are required to be registered with the Environmental Protection Agency in Washington, D.C.

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.