

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

NOV 16 1993

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

Attention: Marc M. Mason  
General Manager

Subject: Product Name: Maquat MC1412-50%-S  
EPA Registration No. 10324-45  
Your Amendment Dated September 17, 1993

The amendment (adding spas, whirlpool and hot tub directions) 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. Clearly indicate both on the front panel and use directions that this product is for use only in "outdoor" spas, whirlpools and hot tubs.
  - b. Revise the Environmental Hazards section to comply with PR Notice 93-10.
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 (7505C)

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

**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. Wash thoroughly with soap and water after handling. Harmful or fatal if swallowed. Avoid contamination of food. Remove contaminated clothing and wash before reuse.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. Do not discharge effluent containing this active ingredient into lakes, streams, ponds or public waters 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 Environmental Protection Agency.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not use or store near heat or open flame.

**DIRECTIONS FOR USE**

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

**INITIAL APPLICATION  
FOR SWIMMING POOLS**

32 fluid oz MAQUAT MC1412-50%-S to each 15,000 gallons of water or ratio thereof. If Algae growth is visible apply the initial dose. Vacuum pool after 24 hours to remove dead algae. If algae is still visible repeat dose as necessary until pool is free of visible algae.

**CONTINUED APPLICATION**

6.5 fluid oz MAQUAT MC1412-50%-S in 50,000 gallons of water every 3-5 days or as needed to maintain 2 ppm active. Quaternary Test Kits are available for this use.

**BOOSTER APPLICATION**

6.5 fluid oz MC1412-50%-S in 50,000 gallons after a heavy or prolonged rainfall or when there is a heavy bathing load.

The above directions should be followed even when the pool is not in use.

**MAQUAT**

**MC1412-50%-S**

MAQUAT MC1412-50%-S for Control of Algae and Algal Slime Growth in Swimming Pools. *AND SPAS*

**ACTIVE INGREDIENT:**

n-Alkyl (50% C<sub>14</sub>, 40% C<sub>12</sub>, 10% C<sub>16</sub>) dimethyl benzyl ammonium chloride ..... 50.0%

**INERT INGREDIENTS:** ..... 50.0%

**TOTAL** ..... 100.0%

Weight Approx. 8lbs./gallon

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**STATEMENT OF PRACTICAL TREATMENT**

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before use.

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**

Probable mucosal damage may contraindicate the use of gastric lavage.

**SEE LEFT PANEL  
FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

**Mason Chemical Company**



"The Quaternary Specialists"  
721 W. ALGONQUIN ROAD  
ARLINGTON HTS., IL 60005  
708/290-1621  
TOLL FREE: 1-800-362-1855

**ACCEPTED**

**In EPA Letter Dated:**

**NOV 16 1993**

E.P.A. Reg. No. 10324-45  
E.P.A. Est No. 10324-IL-1

Under the Federal Insecticide, Fungicide, and Disinfectant Act  
Net Contents

**10324-45**

**FOR WINTERIZING**  
Test the water

After pool is closed, use a recommended winterizing treatment according to label instructions. Calculate for several weeks.

Add winterizing treatment while walking around pool. Use at least 100 lbs. Allow to circulate.

Clean pool with vacuum pump, and winterize according to instructions. Close Pools without winterizing treatment later in season.

Directions For Use In Swimming Pools: Add 2.6 oz per 10,000 gallons of water. For maintenance use: Add 1.3 oz per 10,000 gallons of water. For Spas/Whirlpools/Hot Tubs: Add 1.3 oz per 100 gallons of water. Drain and clean Spas/Whirlpools/Hot Tubs frequently. Depending on water hardness.

**STORAGE**

1. **STORAGE** IN ORIGINAL CONTAINER. STORE IN ORIGINAL CONTAINER IN LOCKED STORAGE. KEEP FROM FIRE. DO NOT CONSUME. FEED BY STORAGE.

2. **SPILL OR LEAKAGE:** SMALL SPILLS: FLUSHED AWAY. ON SOME ABSORBENT MATERIALS.

3. **PESTICIDE CONTAINERS:** SECURELY WRAPPED IN SEVERAL LAYERS OF CARDBOARD IN TRANSPORTATION.

4. **CONTAINER DISPOSAL:** DO NOT REUSE (FOR OTHER PURPOSES). RINSE THOROUGHLY AND TRASH.