

10324-20

12/10/2002  
 UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

1/4



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 Washington, D.C. 20460

OFFICE OF  
 PREVENTION, PESTICIDES  
 AND TOXIC SUBSTANCES

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

DEC 10 2002

Subject: Maquat® 10  
 EPA Registration No. 10324-20  
 Application Date: September 10, 2002  
 EPA Received Date: September 11, 2002

Dear Ms. Tannehill:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable with comments.

**Proposed Amendment**

- Revised labeling in response to Agency letter dated August 1, 2002

**Label Comments**

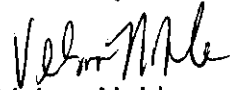
- This label may not recommend an application rate which is greater than the amount of product available in the smaller container. Thus revise the Initial Application for Swimming Pools to read exactly as follows: "2. Add 25.6 ounces of this product per 10,000 gallons of water or ratio thereof..." deleting the reference to 1 gallon.
- Delete the following statement from the "Maintenance Application" directions for Swimming Pools: "Quaternary Test Kits are available for this use." The Agency is unable to establish that these types of kits are readily available to consumers. In addition, delete the phrase "or as needed to maintain 0.5 ppm active."

**General Comments**

A stamped copy of the label is enclosed for your records. Please submit one(1) final printed label before distributing or selling this product bearing the revised labeling.

CONCURRENCES							
SYMBOL	Should you have any questions or comments concerning this letter, please contact						
SURNAME	me at 703-308-6233						
DATE							

Sincerely,

A handwritten signature in black ink, appearing to read 'Velma Noble', written in a cursive style.

Velma Noble

Product Manager 31

Regulatory Management Branch I

Antimicrobials Division (7510 C)

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS  
AND DOMESTIC ANIMALS**

**DANGER. Keep Out of Reach of Children.** Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed or absorbed through the skin. Do not get into eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves and protective clothing when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

*(If container is 5 gallons or larger the following statement must appear on the label)*

**ENVIRONMENTAL HAZARD**

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 into 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 container is less than 5 gallons use the following environmental hazard)*

**ENVIRONMENTAL HAZARD**

This product is toxic to fish.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not mix with oxidizers, anionic soaps and detergents.

*(If the container is greater than one gallon use the following storage and disposal statements)*

**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.

**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.

**CONTAINER DISPOSAL** (Larger than 1 gal.) - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. In addition, plastic containers may be disposed of by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

*(If container is one gallon or less use the following storage and disposal statements)*

**STORAGE AND DISPOSAL**

Store in original container. Keep areas inaccessible to small children. Do not store on side. Avoid creasing or impacting of side walls. Do not reuse empty container. Wrap and discard in trash (or recycle).

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

DEC 10 2002

10324-20

**MAQUAT® LC12S-10%**

For Control of Algae and Algal Slime Growth in Swimming Pools

**ACTIVE INGREDIENTS:**

n-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..... 10.0%

**INERT INGREDIENTS:** ..... 90.0%

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

Weight: Approx. 8lbs./gallon

**KEEP OUT OF REACH OF CHILDREN**

**DANGER PELIGRO**

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 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.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

**MASON CHEMICAL COMPANY**

**"THE QUATERNARY SPECIALISTS"**

721 W. Algonquin Road  
Arlington Heights, IL 60005

847-290-1621

Toll Free:

1-800-362-1855

E.P.A. Reg. No. 10324-20

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

NET CONTENTS

BATCH NO

## DIRECTIONS FOR USE

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

### SWIMMING POOLS

#### IMPORTANT NOTES

1. Do not allow swimming in pool for at least 15 minutes after this product has been applied.
2. Always apply this and other pool treatment chemicals separately; never combine them.
3. Sunlight, rainfall, temperature, number of swimmers and frequency of pool use, all affect the rate at which unsanitary pool water conditions develop. Adjust your pool cleaning and maintenance functions accordingly.

#### BEFORE YOU BEGIN

1. Make sure all pool equipment is working properly including pump, filter, skimmer and heater. Allow the filter to run for at least 6 hours after adding algaecide.
2. Backwash filter following normal procedure for your pools filter.
3. Check water pH (acidity/alkalinity balance) with a Test Kit, following label direction. Desired pH range is between 7.2-7.6. If necessary, adjust pH by adding pH decreaser to lower pH or pH increaser to raise pH.
4. Recheck pH and maintain it between 7.2-7.6 for at least 6 hours before adding this product.
5. Add this product directly into pool by pouring around entire outside perimeter of pool.

#### INITIAL APPLICATION FOR SWIMMING POOLS

1. Vacuum algae debris to waste and thoroughly brush pool.
2. Add one gallon of this product to each 50,000 gallons of water (25.6 ounces per 10,000 gallons) or ratio thereof. Add this product directly into pool by pouring around entire outside perimeter of pool.
3. Vacuum pool after 24 hours to remove dead algae.
4. If algae is still visible repeat dose (steps 3 & 4) as necessary until pool is free of visible algae.
5. Once algae is under control, clean filter and return to normal operation.

#### MAINTENANCE APPLICATION

Add one (1) quart of this product in 50,000 gallons of water every 3-5 days or as needed to maintain 0.5 ppm active. Add this product directly into pool by pouring around entire outside perimeter of pool. Quaternary Test Kits are available for this use.

#### BOOSTER APPLICATION

One (1) quart of this product in 50,000 gallons of water after a heavy or prolonged rainfall or when there is a heavy bathing load. Add this product directly into pool by pouring around entire outside perimeter of pool.

If algae growth is noticeable, apply initial dose.

THE ABOVE DIRECTIONS SHOULD BE FOLLOWED EVEN WHEN THE POOL IS NOT IN USE.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

DEC 10 2002

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No 10324-20