

10324-121

04-11-2012

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

APR 11 2012

Ms. Elizabeth Tannehill
Regulatory Manager
Mason Chemical Company
721 W. Algonquin Rd.
Arlington Heights, IL 60005

Subject: **Maquat 2855**
EPA Registration No. 10324-121
Application Date January 20, 2012
EPA Received Date January 25, 2012

Dear: Ms. Tannehill:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 3(c)7(a), as amended, is acceptable subject to the conditions listed below:

Proposed Amendments:

- Addition of marketing claims, icons, storage and disposal language

Conditions:

1. Revise the section for Swimming Pool Use and Pools in nonrefillable containers up to and including 5 gallons to read as follows:

"Non refillable container. Store in original container in areas inaccessible to small children. Keep from freezing. *Offer for recycling if available* or wrap and discard in trash."
2. Revise the section for Swimming Pool Use and Pools in containers over 5 gallons to read as follows:

“Pesticide Storage: Store in original container and place in locked storage area. Keep from freezing.

Do not contaminate water food or feed by storage or disposal.

Spill or Leak Procedures: Small spills may be mopped up or flushed away with water or absorbed on some absorbent material and incinerated.

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 the label instructions, contact your State Pesticide or Environmental Control agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.*

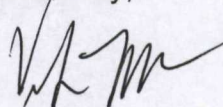
Container Handling: *Non refillable container. Do not reuse container (bottle, cans, jars.) Triple rinse (or equivalent). Offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures by state and local authorities.”*

General Comments:

A stamped copy of the accepted labeling is enclosed. Submit one (1) copy of your final printed labeling before distributing or selling the product bearing the revised labeling.

Should you have any questions concerning this letter, please contact Drusilla Copeland at (703) 308-6224 or Velma Nobel at (703) 308-6233.

Sincerely,



Velma Noble
Product Manager (31)
Regulatory Management Branch I
Antimicrobials Division (7510P)

Enclosure: stamped label



MASON CHEMICAL COMPANY
 "The Quaternary Specialists"

721 W. Algonquin Road | Arlington Heights, IL 60005 | 847-290-1621 or 800-362-1855

E.P.A. Reg. No. 10324-121
 E.P.A. Est. No. 10324-IL-1

MAQUAT® 2855

Net Contents: Manufacturing and/or Lot no. Date:

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

DANGER. Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed or absorbed through skin. May be fatal if inhaled. Do not breathe vapor. Wear a dust mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C). Do not get into eyes, on skin or on clothing. Wear protective eyewear (goggles, safety glasses or face shield), protective clothing, and rubber gloves. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

(If container is larger than 5 gallons, 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.

(For containers up to and including 5 gallons, use the following environmental hazard)

ENVIRONMENTAL HAZARD

This product is toxic to fish.

PHYSICAL OR CHEMICAL HAZARDS

Do not mix with soap, anionic detergents or oxidizers.
 Do not use or store near heat or open flame.

(Note to Reviewer: This information has been verified per DOT regulations. It is NOT required to be on the label but is being requested by a customer.)

Transportation Information

DOT Hazard Class: Not Regulated

DOT Proper Shipping Name: Not applicable

**PELIGRO: SI NO PUEDE LEER EN INGLES, PREGUNTE A SU SUPERVISOR
 SOBRE LAS INSTRUCCIONES DE USO APROPIADAS ANTES DE TRABAJAR
 CON ESTE PRODUCTO.**

**DANGER: IF YOU CANNOT READ ENGLISH, ASK YOUR SUPERVISOR TO
 EXPLAIN THE APPROPRIATE DIRECTIONS FOR USE BEFORE WORKING WITH
 THIS PRODUCT.**

For use to control and prevent algae growth and to maintain clear water in swimming pools

(Product of USA) (Made in the USA)

ACTIVE INGREDIENTS:

n-Alkyl (95% C₁₄, 3% C₁₂, 2% C₁₆)dimethyl benzyl ammonium chloride 55.0%

INERT INGREDIENTS: 45.0%

TOTAL: 100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO

See left (back) (side) (right) panel (of label) (below) for additional precautionary statements and first aid 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.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

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

**ACCEPTED
 with COMMENTS
 in EPA Letter Dated:
 APR 11 2012**

Under the Federal Insecticide,
 Fungicide, and Rodenticide Act as
 amended, for the pesticide,
 registered under EPA Reg. No. 10324-121

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• 55% Concentration

• Kills and prevents all type of Algae

This product is compatible with most chemicals normally used in swimming pool maintenance; however, in its concentrated form, this chemical should not come in contact with high concentrations of chlorine or any other oxidizer. **DO NOT MIX THIS PRODUCT AND CHLORINE OR ANY OTHER OXIDIZER TOGETHER** before adding to the pool. These chemicals should be handled separately.

This product was formulated to complement most swimming pool sanitizers. This product is not a stand alone product, it must be used with either halogen based or non-halogen based pool sanitizers. This product supports your overall pool chemical maintenance program, offering a residual effectiveness that protects your pool against algae formation while keeping your pool water sparkling clear. This product protects the unattended pool when you're away (refer to Vacation Treat section in Directions For Use).

SWIMMING POOLS

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Please read entire label and use strictly in accordance with precautionary statements and directions.

INSTRUCTIONS FOR USE WITH HALOGEN BASED POOL SANITIZERS

This product is formulated to complement most swimming pool sanitizers. When using other products as outlined in Directions For Use on those products. This product is effective against the growth of algae. This product is efficient and non-staining when used as directed. This product will not evaporate and its algae fighting abilities actually increase as pool water temperature increases.

Ensure all pool equipment is working properly. Backwash the filter system following manufacturers directions. Adjust pH between 7.2-7.6. Adjust chlorine residual to 1-3 ppm. In a chlorine treated pool, add stabilizer to establish a minimum level of 40-50 ppm to reduce the degradative effects of sunlight upon the chlorine residual. Check for metals and if present add stain and scale inhibitor to prevent staining of pool surface due to metals. Check chlorine residual and adjust to 1-3 ppm.

Add this product directly into pool by pouring around entire outside perimeter of pool. Allow the filter to run for at least six (6) hours after adding algaecide. During this period, swimmers should not be allowed into the water.

INITIAL APPLICATION FOR SWIMMING POOLS WHEN ALGAE ARE VISIBLE

1. Back wash the filter thoroughly.
2. Vacuum algae debris to waste and thoroughly brush pool.
3. Pour 36 ounces (6 ppm) directly into pool per 25,000 gallons (15 ounces per 10,000 gallons) of water.
4. Brush the pool daily for the next 5 days and vacuum accumulated dead algae to waste.
5. If algae are still present repeat steps 3 and 4.
6. Once algae is under control, clean filter and return to normal operation. (See Routine Maintenance).

INITIAL APPLICATION OR WHEN POOL WATER IS CHANGED, OR WHEN ALGAE ARE NOT VISIBLE: Pour 24 ounces (4 ppm) directly into pool per 25,000 gallons of water.

MAINTENANCE APPLICATION

For weekly application intervals, use 1 ounce per 5,000 gallons of water.

For two week application, use 2 ounces per 5,000 gallons of water every other week. Following heavy rain showers, add an additional 1 ounce per 5,000 gallons.

VACATION TREATMENT When you are going to be away for one week or more add 3 ounces (2 ppm) of this product per 5,000 gallons of water for every week unattended. Pour product around the edges of the shallow end of the pool, if shock is also being applied in the deep end of pool.

OPTIONAL INSTRUCTIONS FOR USE WITH NON-HALOGEN BASED POOL SANITIZERS

This product is formulated to complement swimming pool water being treated with the BioGuard Softswim System, Bacquacil and other non-halogen systems. When using other products as outlined in Directions For Use for this product, always follow the Directions For Use on those products. This product is efficient and non-staining when used as directed. This product will not evaporate and its algae fighting abilities actually increase as the pool water temperature increases. The residual effectiveness of this product tends to stabilize the total chemical treatment system.

Ensure all pool equipment is working properly. Backwash the filter system following manufacturers directions. Adjust pH between 7.2-7.6. Check for metals and if present add satin and scale inhibitor to prevent staining of pool surface due to metals. Allow this product directly into pool by pouring around entire outside perimeter of pool. Allow the filter to run for at least six (6) hours after adding algaecide. During this period, swimmers should not be allowed into the water.

INITIAL APPLICATION FOR SWIMMING POOLS WHEN ALGAE ARE VISIBLE

1. Backwash the filter thoroughly.
2. Vacuum algae debris to waste and thoroughly brush pool.
3. Pour 36 ounces (6 ppm) directly into pool per 25,000 gallons (15 ounces per 10,000 gallons) of water.
4. Brush the pool daily for the next 5 days and vacuum accumulated dead algae to waste.
5. If algae are still present repeat steps 3 and 4.
6. Once algae is under control, chemically clean filter and return to normal operation.

FOR AN INITIAL APPLICATION WHEN POOL WATER IS CHANGED, OR WHEN ALGAE ARE NOT VISIBLE:

Pour 24 ounces (4 ppm) directly into pool per 25,000 gallons of water.

FOR ROUTINE MAINTENANCE:

For weekly application intervals, use 1 ounce per 5,000 gallons of water.

For two week application intervals, use 2 ounces per 5,000 gallons of water every other week.

Following heavy rain showers, add an additional 1 ounce per 5,000 gallons.

TO DETERMINE POOL CAPACITY:

Rectangle Pools – Length times width times average depth (in feet) times 7.5 equals gallons.

Round and Oval Pools – Long diameter times short diameter times average depth (in feet) times 5.9 equals gallons.

ACCEPTED

By EPA Letter Dated:

APR 11 2012

Under the Federal Insecticide, Fungicide, and Rodenticide Act

Registered Under EPA

(Note to reviewer: The title and first statement of this section must appear on every label, followed by the appropriate Storage and Disposal section.)

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

(For nonrefillable containers up to and including 5 gallons)

Nonrefillable container. Store in original container in areas inaccessible to small children. Keep from freezing. Do not reuse empty container. Wrap and discard in trash (or recycle).

(For containers over 5 gallons)

PESTICIDE STORAGE: Store in original containers and place in locked storage area. Keep from freezing. Do not contaminate water, food, or feed by storage or disposal.

SPILL OR LEAK PROCEDURES: Small spills may be mopped up or flushed away with water or absorbed on some absorbent material and incinerated.

PESTICIDE DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash. ~~Hand~~ ^{Hand} ~~wrap~~ ^{wrap} original container in several layers of newspaper and

CONTAINER DISPOSAL: Do not reuse container (bottle, cans, jars). Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

Made in USA



[Optional - for use on residential use swimming pool and spa products.]



1st Statement
Containers
Handing: Non
off
Storage and Disposal update
do follow.

less than 5 gallons

Store in original container in areas inaccessible to small children.

Keep from freezing. Non-refillable container. Offer for recycling if available, or wrap and discard in trash.

Over 5 gallons

Container Handling: Non-refillable container. Do not reuse container. Offer for recycling if available or puncture and dispose in sanitary landfill or, by other procedures approved by state & local authorities.

Contact Disposal updated to agree with label

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U.S. Environmental Protection Agency
Washington, DC 20460
EPA-823-R-02-001
EPA Reg. No.

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