

10324-18

7/30/2009

1045



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

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Ms. Elizabeth Tennehill
Regulatory Specialist for,
Mason Chemical Company
721 West Algonquin Road
Arlington Heights, Illinois 60005

JUL 30 2009

Subject: Maquat Algaesil
EPA Registration Number 10324-18
Your Amendment Dated April 30th, 2009
EPA Received Date May 4th, 2009

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, to revise the directions for use format and add several storage and disposal statements in order to comply with the container rule, is acceptable.

A stamped copy of the labeling is enclosed.

If you have questions concerning this letter, please contact Karen M. Leavy at (703)-308-6237.

Sincerely,

Dennis H. Edwards for

Marshall Swindell
Product Manager 33
Regulatory Management Branch I
Antimicrobials Division(7510P)



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. 10324-18
E.P.A. Est. No. 10324-IL-1
www.maquat.com

ALGAESIL

Net Contents:

Batch No:

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Keep Out of Reach of Children. Avoid contact with skin, eyes or clothing. In case of contact immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists. Wash thoroughly with soap and water after handling.

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

ENVIRONMENTAL HAZARD

This pesticide is toxic to fish and aquatic invertebrates. 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 container is less than 5 gallons use the following environmental hazard statement.)

ENVIRONMENTAL HAZARD

This product is toxic to fish.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

Do not mix with oxidizers, anionic soaps and detergents.

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 the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

FOR THE CONTROL AND DESTRUCTION OF ALGAE AND ALGAL SLIME

ACTIVE INGREDIENTS:

Colloidal Silver as elemental..... 0.80%

INERT INGREDIENTS:

TOTAL 99.20%
100.00%

Weight approx. 8.33 lbs./gallon

KEEP OUT OF REACH OF CHILDREN CAUTION

Will stain clothing and concrete in concentrated solution.

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

(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.

Manufacturing and/or Lot no. Date:

ACCEPTED
with COMMENTS
EPA Letter Dated:

JUL 30 2009

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 10324-18

This product is efficient and stable in use dilution.

This product will not damage tile, concrete, metal or plastics.

This product keeps pool water free and sparkling, clear of visible green and blue-green algae, slime and green brown colors.

This product improves filter operation.

This product imparts tone and a pleasant "feel" to swimming pool water.

This product is tasteless, odorless and non-foaming at pool concentration and may reduce other chemical usage.

DIRECTIONS FOR USE

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

Do not use water containing residues from use of this product to irrigate crops for food feed.

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 $\frac{1}{4}$ mile of either a public/municipal or single or multiple family private/residential potable/drinking water intake is strictly prohibited.

SWIMMING POOLS

This product requires no special equipment for treating swimming pool water.

INITIAL APPLICATION FOR SWIMMING POOLS:

1. Clean tile on pool.
2. Backwash filter.
3. Disconnect slide and automatic pool cleaner from pool support system.
4. Adjust pH to 7.2-7.4 range.
5. Raise chlorine residual to 3 ppm.
6. Wait 15 minutes after adding chlorine.
7. Add Algaesil through skimmer at the rate of 8 oz. every 10 minutes until the recommended dosage of 8 oz. of Algaesil per 10,000 gallons of pool water is reached. If pool has no skimmer, add Algaesil below water level in front of return by squeezing bottle at the same rate mentioned above.
8. Keep filter in operation during treatment and for a minimum of 72 hours after treatment.
9. For best result, keep filter in operation until condition clears.

MAINTENANCE APPLICATION FOR PREVENTION TREATMENT OF NON-VISIBLE ALGAE:

For best results, perform maintenance application on a weekly basis.

1. Clean tile on pool.
2. Backwash filter.
3. Disconnect slide and automatic pool cleaner from pool support system.
4. Adjust pH to 7.2-7.4 range.
5. Raise chlorine residual to 3 ppm.
6. Wait 15 minutes after adding chlorine.
7. Add Algaesil through skimmer at the rate of 4 oz. every 10 minutes until the recommended dosage of 4 oz. of Algaesil per 10,000 gallons of pool water is

reached. If pool has no skimmer, add Algaesil below water level in front of return by squeezing bottle at the same rate mentioned above.

8. Keep filter in operation during treatment and for a minimum of 72 hours after treatment.
9. For best result, keep filter in operation until condition clears.

FOR WINTERIZING BEFORE FREEZING:

1. Clean tile on pool.
2. Backwash filter.
3. Disconnect slide and automatic pool cleaner from pool support system.
4. Adjust pH to 7.2-7.4 range.
5. Raise chlorine residual to 3 ppm.
6. Wait 15 minutes after adding chlorine.
7. Add Algaesil through skimmer at the rate of 8 oz. every 10 minutes until the recommended dosage of 48 oz. of Algaesil per 10,000 gallons of pool water is reached. If pool has no skimmer, add Algaesil below water level in front of return by squeezing bottle at the same rate mentioned above.
8. Keep filter in operation during treatment and for a minimum of 72 hours after treatment.

Swimming Pool Capacity Gallon of Water	Initial Treatment	Maintenance Dose Booster Dose
5,000	4 ozs.	2 ozs.
10,000	8 ozs.	4 ozs.
20,000	16 ozs.	8 ozs.
25,000	20 ozs.	10 ozs.
30,000	24 ozs.	12 ozs.
40,000	32 ozs.	16 ozs.
50,000	40 ozs.	20 ozs.

TO DETERMINE POOL CAPACITY

Rectangular 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
with COMMENTS
EPA Letter Dated:

JUL 30 2009

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 10324-18

(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: Store in original opaque containers and place in locked storage area. Keep from freezing.

SPILL OR LEAK PROCEDURES: 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.

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

(OR)

STORAGE AND DISPOSAL

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

(Optional statements - usage depends on whether or not refillable or nonrefillable containers are used and whether or not product is packaged for household/residential use only)

(FOR USE ON NON-REFILLABLE CONTAINER - HOUSEHOLD/RESIDENTIAL USE)

Keep this product dry in its tightly closed container when not in use. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame. Nonrefillable container. Do not reuse or refill this container. Rinse empty container thoroughly with water to dissolve all material prior to disposal. Offer for recycling if available. Do not contaminate food or feed by storage or disposal or cleaning of equipment. **FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE EMERGENCY HANDLING.**

(OR)

(FOR USE ON NON-REFILLABLE CONTAINERS WITH HOUSEHOLD/RESIDENTIAL USES)

PESTICIDE STORAGE: Open dumping is prohibited. Store only in original container. Do not reuse empty container. If a leaky container must be contained within another, mark the outer container to identify the contents. Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

PESTICIDE DISPOSAL/CONTAINER HANDLING: Triple rinse (or equivalent) promptly after emptying. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: empty the remaining contents into application equipment or a mix tank and drain 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

BATCH CODE: (Can be placed on container or label)

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 10324-18

(NONREFILLABLE CONTAINER - SINGLE-USE, NON-RESEALABLE PACKAGE)

Keep this product dry in its tightly closed container. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame. Nonrefillable container. Do not reuse or refill this container. Rinse and discard empty container thoroughly with water to dissolve all material prior to disposal. Offer for recycling if available. Do not contaminate food or feed by storage or disposal or cleaning of equipment. **FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE EMERGENCY HANDLING.**

(REFILLABLE CONTAINER - HOUSEHOLD/RESIDENTIAL USE)

Keep this product dry in its tightly closed container when not in use. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame. Do not contaminate food or feed by storage or disposal or cleaning of equipment. **FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE EMERGENCY HANDLING.** Refillable container. Refill this container with calcium hypochlorite only. Do not use this container for any other purpose. Rinse empty container thoroughly with water to dissolve all material prior to disposal.

(NONREFILLABLE CONTAINER - NON-HOUSEHOLD/RESIDENTIAL USE)

Keep this product dry in its tightly closed container when not in use. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame. Do not contaminate food or feed by storage or disposal or cleaning of equipment. **FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE EMERGENCY HANDLING.** Nonrefillable container. Do not reuse this container. Offer for recycling if available. Rinse empty container thoroughly with water to dissolve all material prior to disposal.

(OR)

(FOR USE ON NON-REFILLABLE CONTAINERS WITH NO HOUSEHOLD/RESIDENTIAL USES)

PESTICIDE STORAGE: Open dumping is prohibited. Store only in original container. Do not reuse empty container. If a leaky container must be contained within another, mark the outer container to identify the contents. Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. 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 HANDLING: Non-refillable container. Do not reuse this container to hold materials other than pesticides or diluted pesticides (rinsate). Triple rinse (or equivalent). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. Offer for recycling for available or puncture and dispose in a sanitary landfill, or by other procedures approved by state and local authorities. If rinsate cannot be used, follow pesticide disposal instructions. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state and federal regulations.

RESIDUE REMOVAL INSTRUCTIONS: (For containers less than one gallon)

Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: empty the remaining contents into application equipment or a mix tank and drain 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

RESIDUE REMOVAL INSTRUCTIONS: (For containers greater than one gallon)

Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

BATCH CODE: (Can be placed on container or label)

(REFILLABLE CONTAINER – NON-HOUSEHOLD/RESIDENTIAL USE)

Keep this product dry in its tightly closed container when not in use. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame. Do not contaminate food or feed by storage or disposal or cleaning of equipment. **FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE EMERGENCY HANDLING.** Refillable container. Refill this container with calcium hypochlorite only. Do not use this container for any other purpose. Cleaning of this container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. Rinse empty container thoroughly with water to dissolve all material prior to disposal.

(OR)

(FOR USE ON REFILLABLE CONTAINERS)

PESTICIDE STORAGE: Open dumping is prohibited. Store only in original container. If a leaky container must be contained within another, mark the outer container to identify the contents. Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

CONTAINER HANDLING: Triple rinse (or equivalent). Refill this container with this product only. Do not reuse this container for any other purpose.

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.

RESIDUE REMOVAL INSTRUCTIONS: Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

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



**ACCEPTED
with COMMENTS
EPA Letter Dated:**

JUL 30 2009

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 10324-18