



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

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

FEB 11 2009

Ms. Georgia Anastasiou  
Lewis & Harrison  
122 C Street, NW  
Suite 740  
Washington, DC 20001

Subject: JAQ Swimming Pool Algicide  
EPA Registration No.: 47371-106  
Amendment Date: November 7, 2008  
EPA Receipt Date: November 13, 2008

Dear Ms. Anastasiou,

The following amendment submitted in connection with registration under FIFRA, as amended, is acceptable with conditions.

- Update Container Disposal instructions per PR Notice 2007-4
- Add marketing language, graphics, and Precautionary Statement Reference

**Conditions**

Revise the label as follows:

- 1) The second claim on page one must be brought into compliance with PR Notice 2000-5, Mandatory Labeling, by deleting the term, recommended.
- 2) The first statement in the second paragraph under the "Directions For Use" must be brought into compliance with PR Notice 2000-5, Mandatory Labeling, by deleting the term, should, and stating "must."
- 3) The refillable container statements do not meet the definition of refillable containers as per definitions #9 and #10 at <http://www.epa.gov/pesticides/regulating/containerquestions.htm> and should be deleted.

In accordance with PR Notice 2007-4 the Agency defines refillable as:

CONCURRENCES					
SYMBOL	"Refillable container" means a container that is intended to be filled with pesticide more than				
URL NAME					
DATE					

once for sale or distribution. The registrant determines whether a container is intended to be refilled for sale or distribution (in which case it is a refillable container) or if it is not intended to be refilled for sale or distribution (in which case it is a non refillable container) and implements its decision by labeling the container appropriately. This decision also would impact packaging design, packaging material, and distribution and marketing plans.

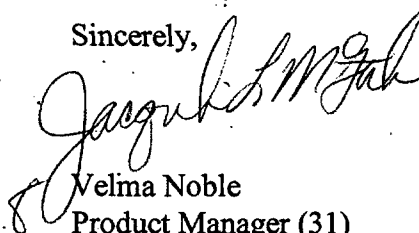
When resubmitting this action to the Agency, please consider whether your containers meet our definition of refillable. If it is not your intention for this product to be marketed in containers which are returned to the distributor for refill and resale, then delete the refillable container sections of your Storage and Disposal statements.

**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 regarding this letter, please contact Jacqueline McFarlane at (703) 308-6416 or Velma Noble (703) 308-6233.

Sincerely,



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

Enclosure: Stamped Label

CONCURRENCES							
SYMBOL							
URNAME							
DATE							

# JAQ Swimming Pool Algicide

For use in effectively controlling algae in swimming pools. Keeps pool water free of visible algae and slime. Improves filter operation. Compatible with most pool treatment chemicals. Will not damage tile, concrete, metal or plastics. Efficient and stable. Totally water soluble.

~~Recommended~~ for use in commercial and residential pools.

Effective against *Chlorella pyrenoidosa* (green algae), *Phoridium retzii* (blue-green algae), *Phoridium inundatum* (blue-green algae), *Lyngbya versicolor* (blue-green algae), and other swimming pool algae.

**ACTIVE INGREDIENT:**

n-Alkyl (C<sub>14</sub> 95%, C<sub>12</sub> 3%, C<sub>16</sub> 2%) dimethyl benzyl ammonium chloride dehydrate.....100%

**KEEP OUT OF REACH OF CHILDREN**

## DANGER

**FIRST AID**

**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.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes.

**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 the 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, preferable by mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

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

(See [side] [back] panel for additional precautionary statements.)

EPA Reg. No. 47371-106  
EPA Est. No. (insert EPA Establishment No. here)  
Net Contents

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

FEB 11 2009

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

47371-106

H&S CHEMICALS DIVISION  
c/o Lonza Inc.  
90 Boroline Road  
Allendale, NJ 07401

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

**DANGER Corrosive:** Causes irreversible eye damage and skin burns. May be fatal if inhaled, swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Do not breathe dust. Wear protective eyewear (goggles or face shield), protective clothing and rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

**ENVIRONMENTAL HAZARDS**

*(For containers 5 gallon & larger, use this full paragraph. For containers less than 5 gallons, use only the first sentence)*

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.

**PHYSICAL AND CHEMICAL HAZARDS**

This algicide is cationic. Do not mix with soap or anionic materials.

### **DIRECTIONS FOR USE**

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

#### **General Use Directions:**

For best results test and adjust water balance before use. Chlorinate and clarify pool water as required, shock treat pool water at least weekly. Keep filtration systems clean and back-wash regularly.

JAQ Swimming Pool Algicide ~~should~~ be added to a suitable feeding device (such as a skimmer, floater, or automatic feeder) while filter and pump are in operation. To provide time for even distribution in the pool water, bathers must wait a minimum of 15 minutes after JAQ Swimming Pool Algicide addition before entering the pool.

#### **INITIAL APPLICATION:**

Add (77 grams) (2.7 dry ounces) (0.17 lbs) of JAQ Algicide per 10,000 gallons of water to a suitable feeding device to achieve 2 ppm active ingredient at pool start-up.

#### **VISIBLE ALGAE:**

If algae are visible, brush surfaces and then add (193 grams) (6.75 dry ounces) (0.42 lbs) of JAQ Algicide per 10,000 gallons of water to a suitable feeding device to achieve 5 ppm active ingredient. Vacuum pool and remove dead algae after 24 hours. Repeat treatment as necessary if algae are still present.

#### **MAINTENANCE DOSE:**

Add (19 grams) (0.675 dry ounces) (0.04 lbs) of JAQ Algicide per 10,000 gallons of water to a suitable feeding device every week to achieve 0.5 ppm active ingredient. For very hot weather or heavy bather load, use this dosage every 5 days.

#### **BOOSTER DOSE:**

After heavy rains, severe storms or heavy pool usage (77 grams) (2.7 dry ounces) (0.17 lbs) of JAQ Algicide per 10,000 gallons of water to a suitable feeding device to achieve 2 ppm active ingredient.

#### **WINTERIZING DOSAGE:**

JAQ Algicide aids in the prevention of algae in swimming pools during the winter months, when the pool is out of service.

Test water for proper balance of minerals, pH and presence of metals. Take corrective action if necessary.

Superchlorinate the pool with a winter shock treatment following label directions. Apply when pool is out of service and allow pump to run for a minimum of one hour, preferably several hours or overnight.

Add (193 grams) (6.75 dry ounces) (0.42 lbs) of JAQ Algicide per 10,000 gallons of water to a suitable feeding device to achieve 5 ppm active ingredient at pool closing. Run the filter pump for at least 6 hours after application.

Clean pool water line and filter. In areas with severe freezing, drain pool equipment and plumbing lines or use an antifreeze recommended for swimming pool plumbing and equipment. Pools without covers or mesh covers may need a second treatment in mid-winter or just prior to freezing.

#### **SUMMARY OF DOSAGES PER 10,000 GALLONS**

<b>Dosage Directions</b>	<b>Dry Oz</b>	<b>Grams</b>	<b>Lbs</b>	<b>ppm Active</b>
<b>INITIAL APPLICATION</b>	<b>2.7</b>	<b>77</b>	<b>0.17</b>	<b>2</b>
<b>VISIBLE ALGAE</b>	<b>6.75</b>	<b>193</b>	<b>0.42</b>	<b>5</b>
<b>MAINTENANCE DOSE</b>	<b>0.675</b>	<b>19</b>	<b>0.04</b>	<b>0.5</b>
<b>BOOSTER DOSE</b>	<b>2.7</b>	<b>77</b>	<b>0.17</b>	<b>2</b>
<b>WINTER-IZATION</b>	<b>6.75</b>	<b>193</b>	<b>0.42</b>	<b>5</b>

(If container size is 1 gallon or less, the following storage and disposal statements will be used:)

**STORAGE AND DISPOSAL**

Store in original container in areas inaccessible to children. Do not reuse empty container. Wrap container and put in trash.

(If container size is greater than gallon, the following storage and disposal statements will be used:)

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE**

Do not store on side. Avoid creasing or impacting of side walls.

**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**

(Plastic containers:) Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities by burning. If burned, stay out of smoke.

(Metal Containers:) Triple rinse (or equivalent), then offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

(Fiber drums with liners:) Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by state and local authorities. If drum is contaminated and cannot be reused, dispose in the same manner.

*(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)*

*(Nonrefillable container - household/residential use)*

[Keep this product in its tightly closed container when not in use. Nonrefillable container. Do not reuse or refill this container. Rinse empty container thoroughly with water prior to disposal. Offer for recycling if available. Do not contaminate food or feed by storage or disposal or cleaning of equipment.]

~~*(Refillable container - household/residential use)*~~

~~[Keep this product in its tightly closed container when not in use. Do not contaminate food or feed by storage or disposal or cleaning of equipment. Refillable container. Refill this container with n-Alkyl (60% C14, 30% C16, 5% C12 and 5% C18) dimethyl benzyl ammonium chloride and n-Dialkyl (60% C14, 30% C16, 5% C12, and 5% C18) methyl benzyl ammonium chloride only. Do not use this container for any other purpose. Rinse empty container thoroughly with water prior to disposal.]~~

*(Nonrefillable container - non-household/residential use)*

[Keep this product in its tightly closed container when not in use. Do not contaminate food or feed by storage or disposal or cleaning of equipment. Nonrefillable container. Do not reuse this container. Offer for recycling if available. Rinse empty container thoroughly with water prior to disposal.]

~~*(Refillable container - non-household/residential use)*~~

~~[Keep this product in its tightly closed container when not in use. Do not contaminate food or feed by storage or disposal or cleaning of equipment. Refillable container. Refill this container with n-Alkyl (60% C14, 30% C16, 5% C12 and 5% C18) dimethyl benzyl ammonium chloride and n-Dialkyl (60% C14, 30% C16, 5% C12, and 5% C18) methyl benzyl ammonium chloride 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 prior to disposal.]~~

(Optional marketing items; may not appear on all commercial labels)

- [Step 1: Sanitize
- Step 2: Oxidize
- Step 3: Add Algicide]

[HELPLINE: 1-800-XXX-XXXX

Toll Free

Call 7 days a week with your questions concerning pool water care. 8:00 a.m. - 10:00 p.m. Eastern Time]

