

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Antimicrobial Division (7510C)
1200 Pennsylvania Ave. NW
Washington, D.C. 20460

EPA Reg. Number: 47371-193
Date of Issuance: APR - 5 2006

Term of Issuance: Conditional

Name of Pesticide Product: JaQ Swimming Pool Algicide Tablets

NOTICE OF PESTICIDE:

- x Registration
Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

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

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

- 1. Submit and/or cite all data required for registration/ reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the following label changes:
a. Revise the EPA Registration Number to read, "EPA Reg. No." 47371-193"
3. Submit two (2) copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of this product constitutes acceptance of these conditions.

A stamped label is enclosed for your records. If you have any questions regarding this letter, please contact Zenobia Jones at (703) 308-6198.

Signature of Approving Official:

Handwritten signature of Velma Noble

Velma Noble

Date:

APR - 5 2006

Table with columns for SYMBOL, SUMMARY, and DATE, and rows for Product Manager, Regulatory Management Branch I, and Antimicrobials Division (7510C).

LABELING

- 1. Under the "General Use Directions" in the second paragraph, delete the words "should be added" and instead rephrase the sentence to state "Add JAQ Swimming Pool Algicide Tablets to a suitable feeding....."
- 2. Under the "Booster Dose" insert the word "add" between usage and (77 grams) to the sentence.

CHEMISTRY

- 1. The CSF of the subject product is acceptable.
- 2. MRID #467183-01: This report contains data responding to the requirements of OPPTS Test Guidelines Series 830, Group A, product identity, manufacturing process and potential impurity formation. The data is acceptable.
- 3. MRID #467183-02: The report contains data responding to the requirements of OPPTS Test Guidelines Series 830, Group B, physical and chemical characteristics. The data is acceptable.

Should you have any questions or comments regarding this letter, please contact Zenobia Jones at 703-308-6198.

Sincerely,



Velma Noble
Product Manager 31
Regulatory Management Branch 1
Antimicrobial Division (7510C)

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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.

(For 5 gallon & larger only)

ENVIRONMENTAL HAZARDS

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.

(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.

JAQ

Swimming Pool Algicide Tablets

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.

- (Controls) (Prevents) (Treats) algae growth
- Good for all pool surfaces
- Easy to use
- Non staining formula
- No pH adjustment necessary before use
- Routine algae control for use with SwimSation™ System
- Ideal for use with SwimSation™ System

ACTIVE INGREDIENT:

n-Alkyl (C₁₄ 95%, C₁₂ 3%, C₁₆ 2%) dimethyl benzyl ammonium chloride dihydrate100%

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, preferably 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 panel for additional precautionary statements.)

EPA Reg. No. 47371-XXX
EPA Est. No. (insert EPA Establishment No. here)

ACCEPTED
COMMENTS

APR - 5 2006

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

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

47371-193

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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 Tablets 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 Tablets addition before entering the pool.

INITIAL APPLICATION:

Add (77 grams) (0.17 lbs) (4 tablets) of JAQ Swimming Pool Algicide Tablets 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) (0.42 lbs) (10 tablets) of JAQ Swimming Pool Algicide Tablets 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) (0.04 lbs) (1 tablet) of JAQ Swimming Pool Algicide Tablets 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) (0.17 lbs) (4 tablets) of JAQ Swimming Pool Algicide Tablets per 10,000 gallons of water to a suitable feeding device to achieve 2 ppm active ingredient.

WINTERIZING DOSAGE:

JAQ Swimming Pool Algicide Tablets 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) (0.42 lbs) (10 tablets) of JAQ Swimming Pool Algicide Tablets 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

Dosage Directions	19 gm tablets	Grams	Lbs	ppm Active
INITIAL APPLICATION	4	77	0.17	2
VISIBLE ALGAE	10	193	0.42	5
MAINTENANCE DOSE	1	19	0.04	0.5
BOOSTER DOSE	4	77	0.17	2
WINTER-IZATION	10	193	0.42	5