

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Mr. Robert Sloan
Lonza Inc.
17-17 Route 208
Fair Lawn, NJ 07410

AUG 11 2004

Subject: JAQ Swimming Pool Algicide
EPA Registration No. 47371-106
Amendment Date: May 18, 2004
EPA Receipt Date: May 18, 2004

Dear Mr. Sloan,

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

- Update First Aid Statements per PR Notice 2001-1
- Revise Directions for Use
- Change Dosage Rates

Conditions

1. Revise the second page of the labeling by deleting each reference to a quantity in fluid ounces in the Initial Application, Visible Algae, Maintenance Dose, Booster Dose, and Winterizing Dosage. Since this product is formulated as a powder, a dose in fluid ounces is not appropriate.

2. Revise the chart: Summary of Dosages per 10,000 Gallons by deleting all references to fluid ounces.

CONCURRENCES

SYMBOL	7510C						
SURNAME	J. Jank						
DATE	8/11/04						

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 Tracy Lantz at (703) 308-6415.

Sincerely,



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

Enclosure: Stamped Label
7510C:T.Lantz:8/6/04:47371-106b

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

ANGER 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

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 retzil* (blue-green algae), *Phoridium inundatum* (blue-green algae), *Lyngbya versicolor* (blue-green algae), and other swimming pool algae.

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, 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 panel for additional precautionary statements.)

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

H&S CHEMICALS DIVISION

c/o Lonza Inc.
17-17 Route 208
Fair Lawn, New Jersey 07410

ACCEPTED
with COMMENTS
to EPA Letter Dated:

AUG 11 2004

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 47371-106

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 [redacted] (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 [redacted] (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 [redacted] (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 add [redacted] (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 [redacted] (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

Dosage Directions	Fluid Oz	Dry Oz	Grams	Lbs	ppm Active
INITIAL APPLICATION	3.6	2.7	77	0.17	2
VISIBLE ALGAE		6.75	193	0.42	5
MAINTENANCE DOSE		0.675	19	0.04	0.5
BOOSTER DOSE	3.6	2.7	77	0.17	2
WINTER-IZATION	9	6.75	193	0.42	5

