

6836-247

11/17/2003

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

NOV 17 2003

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

Subject: Lonza Barquat 1552-10% Spa & Swimming Pool Algicide
EPA Registration No. 6836-247
Amendment Date: August 19, 2003
EPA Receipt Date: August 22, 2003

Dear Mr. Sloan,

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

- Update First Aid Statements per PR Notice 2001-1

Conditions

Revise label as follows:

1. Revise the "Precautionary Statements" to state:

Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles, safety glasses), protective clothing, and protective gloves (chemical or rubber). Harmful if swallowed, absorbed through the skin, or inhaled. Do not breathe vapor. Wash thoroughly with soap and water after handling and before eating, drinking, and using tobacco. Remove contaminated clothing and wash before reuse.

2. Revise the "First Aid" statements by adding "**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."

3. Revise the "Directions" to read

Initial Dose: (visible algae present) Add 128 oz per 50,000 gallons of water (2ppm) After 24 hours, remove dead algae by cleaning. If algae is still present, repeat dosage as necessary.

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Initial Dose: (no visible algae present) Add 26 oz. per 10,000 gallons of water (2 ppm).

Maintenance Dose: Add 6 oz per 10,000 gallons of water every 7 days or more frequently depending on water and use factors.

General Comments

A stamped copy of the labeling accepted with conditions is enclosed. Submit three (3) copies of your final printed label before distributing or selling the product bearing the revised labeling.

If you have any questions regarding this letter, please contact Jacqueline McFarlane at (703) 308-6416.

Sincerely,



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

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Keep out of reach of children. Corrosive. Harmful or fatal if swallowed. Causes severe eye and skin damage. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling. Avoid contamination of food.

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.

(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 store on side. Avoid creasing or impacting of side walls. Do not reuse empty container. Discard in trash or recycle.

(If container is greater than one 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:** Store at ambient temperatures. Do not store on side. Avoid creasing or impacting of side walls. Keep container closed when not in use. Leaking or damaged containers should be placed in a plastic bag and discarded in trash. Mop up spills with clean water. All pesticides should be kept out of reach of children and away from food and feed.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray or 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 Container: 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 Container: 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.

**LONZA BARQUAT 1552-10% 3/4
SPA & SWIMMING POOL
ALGAECIDE**

Outstanding Algae Growth Depressant

Active Ingredients:

n-alkyl (C ₁₄ , 60%; C ₁₆ , 30%; C ₁₂ , 5%; C ₁₈ , 5%)	
dimethyl benzyl ammonium chloride.....	9.96%
n-dialkyl (C ₁₄ , 60%; C ₁₆ , 30%; C ₁₂ , 5%; C ₁₈ , 5%)	
methyl benzyl ammonium chloride	0.04%
Other Ingredients:	90.00%
TOTAL:	100.0%

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.

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. Measures against circulatory shock, respiratory depression and convulsion may be needed.

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No. 6836-247
EPA Est. No. *(Insert EPA Est. No. Here)*
Net Contents _____

Manufactured by:
LONZA INC., 17-17 Route 208, Fair Lawn, NJ 07410

**ACCEPTED
with COMMENTS
in EPA Letter Dated:**

NOV 17 2003

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended for the pesticide,
registered under EPA Reg. No. **6836-247**

- Lonza Barquat 1552-10% is efficient, economical and stable in use dilution.
- Lonza Barquat 1552-10% is compatible with most chemicals used in pool water and will not damage tile, concrete, metal or plastics.
- Lonza Barquat 1552-10% keeps pool water free and sparkling, clear of visible green and bluegreen algae, slime and green brown colors.
- Lonza Barquat 1552-10% improves filter operation and reduces need for other chemicals.
- Lonza Barquat 1552-10% imparts tone and a pleasant "feel" to swimming pool water.

DIRECTIONS FOR USE

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

SWIMMING POOLS AND OUTDOOR SPAS

Lonza Barquat 1552-10% should be added along pool edges while filter and pump are in operation. To provide time for even distribution in the pool water, bathers should wait a minimum of 15 minutes after Lonza Barquat 1552-10% addition before entering the pool.

For pools and spas with visible algae, add 128 fluid ounces (1 gallon) of Lonza Barquat 1552-10% for every 50,000 gallons of water (2 ppm active quaternary). After 24 hours, remove dead algae by cleaning. If algae is still present, repeat dosage as necessary.

For initial treatment of clean pools and spas, add 26 fluid ounces of Lonza Barquat 1552-10% for every 10,000 gallons of water (2 ppm active quaternary). Maintenance additions of 6 fluid ounces per 10,000 gallons (0.5 ppm active quaternary) should be added every 7 days, or more frequently depending on water and use factors.

FOR WINTERIZATION

1. Lonza Barquat 1552-10% aids in the prevention of algae in swimming pools during the winter months, when the pool is out of service.
2. Test water for hardness, alkalinity, pH and the presence of metals. Take corrective action if necessary.
3. Superchlorinate the pool using a recommended winter shock treatment according to label directions.
4. Apply Lonza Barquat 1552-10% directly to pool water, pouring along the edges of the pool. Use 128 fluid ounces (1 gallon) per 50,000 gallons of water (2 ppm active quaternary) and allow to circulate 2 to 4 hours. Pools without covers may need a second treatment in mid-winter or just prior to freezing.
5. Clean pool piping and filter. In geographical areas that experience freezing, drain pool equipment and plumbing lines, or use an antifreeze recommended for swimming pool plumbing and equipment.