

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DEC 11 2001

Ms. Ruth Trager
Manager, Regulatory Services
Lonza, Inc.
17-17 Route 208
Fair Lawn, NJ 07410

Subject: Lonza Swimming Pool Algicide 28-40
EPA Registration No. 6836-157
Amendment Date: September 14, 2001
EPA Receipt Date: September 17, 2001

Dear Ms. Trager,

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable with the conditions listed below:

- Update first aid statements according to PR Notice 2001-1
- Minor label revisions: add optional marking language, an equivalent use dilution rate, storage/disposal instructions for 1 gallon or less containers, and the subheading, Pesticide Storage

Conditions

Revise the label as follows:

1. After reviewing EPA Reg. No. 6836-248 information on file, it was determined that it is substantially similar to this product. Therefore, you will need to revise the "Precautionary Statements" to include the italicized text:

Causes irreversible eye damage and skin burns. May be fatal if swallowed. Do not get in eyes, on skin, or on clothing. Wear safety glasses, rubber gloves, and protective clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash before reuse.

CONCURRENCES

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

2. Under the winterization directions, revise the use solution to read "one quart per 25, 0000 gallons of water;" the use solution should be consistent throughout the label.

General Comments

At the time of your next label printing, you will need to consider adding a re-entry interval for swimmers after the product has been added to the pool. This concern is raised based on this product's corrosiveness. We recommend that you contact us, so we may discuss this matter further.

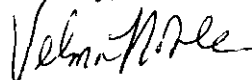
A stamped label is enclosed for your records. Please submit one (1) copy of the final printed label to the Agency before distributing or selling the product bearing the revised labeling.

Submit/and or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

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

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)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. Wear protective eyewear (goggles, face shield or safety glasses). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

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. **IF ON SKIN:** 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 a person sip a glass of water if able to swallow. Do not induce vomiting unless told by a poison control center or doctor.

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.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish.
(If container size is 5 gallons or greater, the following Environmental Hazards statements will be used:)

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.

LONZA SWIMMING POOL ALGICIDE 28-40

Active Ingredient:

Alkyl (C ₁₄ , 58%; C ₁₆ , 28%; C ₁₂ , 14%)	
dimethyl benzyl ammonium chloride	40%
Inert ingredients:	60%
TOTAL	100%

KEEP OUT OF REACH OF CHILDREN

DANGER

See (side) (back) (right) (left) panel for Precautionary Statements and First Aid.

EPA Reg. No. 6836-157

EPA Est. No. 6836-IL-1

Net Contents: _____

Manufactured By:

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

ACCEPTED
with COMMENTS
in EPA Letter Dated:

DEC 11 2001

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide
registered under EPA Reg. No. 6836-157

(Note to reviewer: The following is considered optional marketing language:)

This Algicide is economical, efficient and stable. In use dilution, this product is non-staining and non-corrosive to pool surfaces and equipment.

This Algicide is formulated to complement swimming pool water being treated with normal chlorine systems. It is especially effective against growth of algae and, being non-volatile, aids in maintaining pool water clarity and sparkle. The residual effectiveness of this algicide tends to stabilize the total chemical treatment system.

This Algicide is compatible with most chemicals normally used in swimming pool maintenance; however, in its concentrated form, this chemical should not come in contact with high concentrations of chlorine. DO NOT MIX ALGICIDE AND CHLORINE TOGETHER before adding to the pool. These chemicals should be handled separately

Lonza Swimming Pool Algicide 28-40 is especially effective against algae growth, and is formulated to be used in swimming pool water treated with typical chlorinating systems. This non-volatile product also helps in maintaining pool clarity and sparkle. Economical, stable and efficient, Lonza Swimming Pool Algicide 28-40 is also notable for its non-staining and non-corrosive qualities (when diluted) on pool equipment and surfaces.

You can use Lonza Swimming Pool Algicide 28-40 with other commonly used swimming pool care products. But keep non-diluted Lonza Swimming Pool Algicide 28-40 away from any chlorinated products in their undiluted form. Handle these chemicals separately. The residual effectiveness of this algicide helps your pool perform more consistently.

TO DETERMINE POOL CAPACITY

Rectangular Pools - Length times width times average depth (in feet) times 7.5 equals gallons.

Round and Oval Pools - Average diameter times average diameter times average depth (in feet) times 5.9 equals gallons

DIRECTIONS FOR USE

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

1. For an initial application or when pool water is changed, use one quart per 25,000 gallons of water.
2. For maintenance, use one ounce per week per 5,000 gallons of water. After each rain of consequence, add one ounce per 5,000 gallons of water in addition to the above amounts.
3. The appropriate amount of this algicide should be added by pouring directly into the pool. More rapid distribution will be achieved by pouring a little of the specified amount into several areas of the pool. Recirculation or swimming activity will assure rapid dispersion.

FOR WINTERIZATION

1. This algicide aids in the prevention of algae in swimming pools during the winter months, when the pool is out of service. This algicide is economical, efficient and stable.
2. Test water for proper balance of minerals, pH and presence of metals. Take corrective action if necessary.
3. Superchlorinate the pool using a recommended winter shock treatment according to label directions. Apply when pool is out of service and allow pump to recirculate a minimum of one hour, preferably several hours or overnight.
4. Apply this algicide directly to the pool water, pouring along the edges of the pool. Use (one quart per 20,000 gallons of water) (one pint per 10,000 gallons of water) and allow to circulate 2-4 hours.
5. 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.

(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 or mixture of 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 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.