

6836-157

08-31-2009

1/5

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

AUG 31 2009

Ms. Joanna Holcombe  
Agent for Lonza, Inc.  
122 C Street, NW, Suite 740  
Washington, DC 20001

Subject: **Lonza Swimming Pool Algicide 28-40**  
EPA Registration Number 6836-157  
Application Dated May 29, 2009  
EPA Received Date June 2, 2009

Dear Ms. Holcombe:

The following label revisions submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable with the following comments.

**Proposed Amendment:**

- Update Storage and Disposal

**Label Comments:**

1) The "Storage and Disposal" Statement for commercial/industrial/institutional uses must read:

(5 gallons or less)

Nonrefillable Container. Do not refill or reuse container. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Drain for 10 seconds after flow begins to drip. Fill container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

**CONCURRENCES**

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

(5 gallons or more)

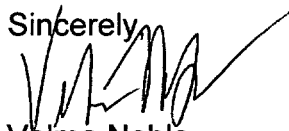
Nonrefillable Container. Do not refill or reuse container. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill container ¼ full with water. Tip container on its side and roll it back and forth, ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into the application equipment or mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

**General Comments:**

A stamped copy of the acceptable 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 or comments concerning this letter, please contact Drusilla Copeland at (703) 308-6224.

Sincerely,



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

Enclosure: stamped label

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER:** Corrosive. 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 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<sub>14</sub>, 58%; C<sub>16</sub>, 28%; C<sub>12</sub>, 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.

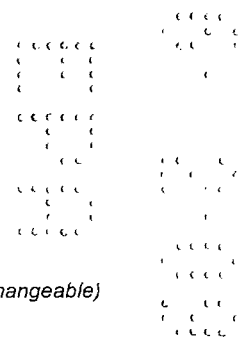
EPA Reg. No. 6836-157  
EPA Est. No. 6836-IL-1  
Net Contents: \_\_\_\_\_  
[Country of origin (insert country)]  
[Manufactured in (insert country)]  
[Barcode]

Manufactured By:  
Lonza Inc., 90 Boroline Road, Allendale, NJ 07401

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

**AUG 31 2009**

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



5154

*(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.

**(Note to reviewer: For Nonrefillable Containers, Container is one gallon or less, Label has Household and Residential Uses)**

**STORAGE AND DISPOSAL**

Store in original container in areas inaccessible to children.

Nonrefillable container. Do not reuse or refill this container. Wrap [container] and put in trash or offer for recycling if available.

(or)

Nonrefillable container. Do not reuse or refill this container. Wrap [container] and put in trash or offer for reconditioning if appropriate.

**(Note to reviewer: For Nonrefillable Containers, Container is one gallon or less, Label has any uses other than Household or Residential)**

**STORAGE AND DISPOSAL**

Store in original container in areas inaccessible to children.

Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Fill container ¼ full with water and reclose the container. Agitate vigorously and dispose of rinsate. Repeat two more times. Wrap [container] and put in trash or offer for recycling if available.

(or)

Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Fill container ¼ full with water and reclose the container. Agitate vigorously and dispose of rinsate. Repeat two more times. Wrap [container] and put in trash or offer for reconditioning if appropriate.

**(Note to reviewer: For Nonrefillable Containers, Container is over one gallon:)**

**STORAGE AND DISPOSAL**

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

**Pesticide Storage:**

Open dumping is prohibited. Store in original container in areas inaccessible to children.

**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:**

Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying.

**(Plastic Containers:)** Triple rinse as follows: Fill container ¼ full with water and reclose the container. Agitate vigorously, and dispose of rinsate consistent with pesticide disposal instructions. Repeat two more times. Then offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures approved by state and local authorities. Follow pesticide disposal instructions for rinsate. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations.

**(Metal Containers:)** Triple rinse as follows: Fill container ¼ full with water and reclose the container. Agitate vigorously, and dispose of rinsate consistent with pesticide disposal instructions. Repeat two more times. Then offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures approved by state and local authorities. Follow pesticide disposal instructions for rinsate. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations. DO NOT cut or weld metal containers.

**(For Bag in Box Containers:)** Completely empty bag into application equipment. Then offer for recycling if available or dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.