

6836-298

4-23-2002

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Christina M. Swick
Agent for Lonza
Lewis Harrison
122 C St NW, Suite 740
Washington DC 20001

APR 23 2002

Subject: Notification per PR Notice 98-10
Barquat MB-40 Swimming Pool Algaecide
EPA Reg. No. 6836-298
Application Dated: March 25, 2002

Dear: Christina M. Swick,

This letter acknowledges receipt of your notification submitted under the provision FIFRA 3(c)9, 40 CFR 152.46 and PR Notice 98-10.

Proposed Notification

- Addition of use directions for use phrase "If algae growth is visible, vacuum the pool after 24 hours"
- Correct typographical error "Chlorella pyrenodosa"

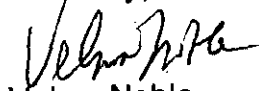
General Comments

Based on the review of the material submitted, the following comments apply.

This notification is acceptable and a copy has been made a part of the records for this file.

If you have any questions concerning this letter, please contact Velma Noble at 703-308-6233.

Sincerely,



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

CONCURRENCES

SYMBOL	7510C						
SURNAME	A. Peters						
DATE	4/22/02						

**EPA**

United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other: NOTIFICATION

OPP Identifier Number
265394

Application for Pesticide - Section I

1. Company/Product Number 6836-298	2. EPA Product Manager Velma Noble	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Barquat MB-40 Swimming Pool Algacide	PM# 31	
5. Name and Address of Applicant (Include ZIP Code) Lonza, Inc. 17-17 Route 208 Fair Lawn, NJ 07410 <u>PLEASE SEND ALL CORRESPONDENCE TO</u> <u>"CONTACT POINT" LISTED BELOW</u> <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(I), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____

Section - II

☐ Amendment - Explain below. ☐ Final printed labels in response to Agency letter dated _____
☐ Resubmission in response to Agency letter dated _____ ☐ "Me Too" Application
☒ Notification - Explain below. ☐ Other - Explain below

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)

ADDITION OF USE DIRECTIONS RELATED TO CLEANING

Notification of ADDITION OF DIRECTIONS FOR USE in Accordance With PR Notice 98-10

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Signature: Christina M. Swick Date: March 25, 2002

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	
	If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container		<input type="checkbox"/> Plastic	
*Certification must be submitted				<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify)	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)			
Name Christina M. Swick, Lewis & Harrison 122 C St. NW, Suite 740, Washington, DC 20001		Title Agent for Lonza, Inc.	
Telephone No. (202) 393-3903 x16			
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature <u>Christina M. Swick</u>		3. Title Agent for Lonza, Inc.	
4. Typed Name Christina M. Swick		5. Date March 25, 2002	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Harmful if inhaled. Avoid breathing vapor or spray mist. Wear protective eyewear (goggles, face shield or safety glasses), protective clothing and rubber gloves when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

FIRST AID

Call a poison control center or doctor for treatment advice.

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: Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish.

(Note to reviewer: If container size is 5 gallons or greater, add the following Environmental Hazards statements):

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.

BARQUAT MB-40
Swimming Pool Algaecide

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

- Prevents algae
- Kills and prevents algae
- Safe for all types of pool surfaces
- For control of algae and algal slime growth in swimming pools

Active Ingredient:

Alkyl (C ₁₄ , 50%; C ₁₂ , 40%; C ₁₆ , 10%) dimethyl benzyl ammonium chloride	40.0%
Other Ingredients	60.0%
Total:	100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

**SEE LEFT / RIGHT / SIDE / BACK PANEL FOR
ADDITIONAL PRECAUTIONARY STATEMENTS
AND FIRST AID.**

EPA Reg. No. 6836-298

EPA Est. No. 6836-IL-1

Net Contents *(as indicated on container)*

Manufactured by:

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

DIRECTIONS FOR USE

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

Ensure all pool equipment is working properly. Backwash the filter system following manufacturer's directions. Adjust pH to between 7.2 – 7.6. In outdoor chlorine treated pools, add stabilizer to establish a minimum level of 40 – 50 ppm to reduce the degradative effects of sunlight upon the chlorine residual. Check for metals and, if present, add a stain and scale inhibitor to prevent staining of pool surface due to metal. If algae growth is visible, vacuum the pool after 24 hours. Maintain sanitizer residual in accordance with label directions found on your sanitizer of choice. When using other products as outlined in directions for this product, always follow the directions on those products.

1. Dosages for pools which are free of algae or contain algae growth:

INITIAL APPLICATION: For an initial application, pour directly into pool at a rate of 32 oz. of this product per 50,000 gallons of water (2 ppm). More rapid distribution will be achieved by pouring a portion of the specified amount into several areas of the pool until all of the required quantity has been added. Recirculation accomplished by running the filter will assure rapid dispersion of product.

MAINTENANCE: Pour directly into pool at a rate of 8 oz. per 50,000 gallons of water (0.5 ppm) every 5 – 7 days depending on weather and use factors. After each rain of consequence, add 8 oz. per 50,000 gallons of water. Even when the pool may not be in use for periods of time, algaecide additions should be made since a heavy accumulation of algae growth is difficult to remove. The appropriate amount of this product should be added by pouring a portion of the specified amount into several areas of the pool until the required quantity has been added. Recirculation accomplished by running the filter will assure rapid dispersion of product.

2. Re-entry interval: Swimmers are allowed to re-enter the pool 15 minutes after application of the product.
3. Ensure that water quality conditions are maintained for the successful use of the product.

This product is effective in controlling the growth of the following types of algae: *Chlorella pyrenoidosa* (green algae), *Phormidium inundatum* (blue-green algae) and *Phormidium ritzii*.

Swimming Pool Capacity Gallon of Water	Initial Treatment	Maintenance Dose
5,000	3.2 oz.	0.8 oz.
10,000	6.4 oz.	1.6 oz.
20,000	12.8 oz.	3.2 oz.
25,000	16.0 oz.	4.0 oz.
30,000	19.2 oz.	4.8 oz.
40,000	25.6 oz.	6.4 oz.
50,000	32.0 oz.	8.0 oz.

How to measure the gallon capacity of your pool:
Measure Length (L), Width (W) and average Depth (D) in feet.

- For square or rectangular pools:
 $L \times W \times D \times 7.5 = \text{gallons}$
- For circular or elliptical pools:
 $L \times W \times D \times 5.9 = \text{gallons}$

(Note to reviewer: If container size is greater than one gallon, the following Storage & 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. Store in original container. Do not reuse empty container. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use. Keep from freezing.

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticides, 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 puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

(Note to reviewer: If container size is one gallon or less, the following Storage and Disposal statements will be used:)

STORAGE AND DISPOSAL

Store in original container in locked storage in areas sufficient to make it inaccessible to children or persons unfamiliar with its proper use. Keep from freezing. Do not reuse empty container. Wrap container and discard in trash.

Figure 1 consists of a 4x4 grid of small plots. Each plot shows a different spatial pattern of species distribution. The rows represent the number of sites (n) and the columns represent the number of individuals (N). The rows are labeled n = 1, 2, 4, 8 from top to bottom. The columns are labeled N = 10, 100, 1000, 10000 from left to right. Each plot shows a different spatial pattern of species distribution, with the number of species increasing as both n and N increase.