

6836-298

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Joanna Holcombe  
Sr. Regulatory Services Associate  
Lonza, Inc.  
90 Boroline Road  
Allendale, NJ 07401

SUBJECT: Barquat MB-40 Swimming Pool Algaecide  
EPA Registration Number: 6836-298

LONZA Microbiocide 80  
EPA Registration Number: 6836-217

Bardac 2880  
EPA Registration Number: 6836-292

Applications Dated: March 2, 2010  
Receipt Dates: March 8, 2010

APR - 6 2010

Dear Ms. Holcombe:

This letter acknowledges receipt of the notifications identified above submitted under the provisions of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended and as per PR Notices 2007-4 and 98-10.

- Revise Storage and Disposal Statements

Based on a review of the submitted information, these notifications are acceptable. Your proposed label language is in agreement with PR Notice 2007-4 and the Agency Guidance. This notification will be made part of the records for these products.

**General Comments**

Should you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,

*Tracy Lantz*

for

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

7510P: T.Lantz: 4/5/2010: 6836-292, -217, CONCURRENCES							
SYMBOL	7510P						
SURNAME	T. Lantz						
DATE	4/5/10						



Via FedEx

Ms. Velma Noble, PM-31  
Document Processing Desk (NOTIFY)  
Office of Pesticide Programs (7504P)  
US Environmental Protection Agency  
Room S-4900, One Potomac Yard  
2227 S. Crystal Drive  
Arlington, VA 22202

Lonza Inc  
Allendale  
90 Boroline Road  
Allendale, NJ 07401, USA

Joanna Holcombe  
Lonza Life Science Ingredients  
Commercial Regulatory Services

Tel 201-316-9297  
Fax 201-696-3470  
joanna.holcombe@lonza.com

Joanna Holcombe  
March 4, 2010

**SUBJECT: Barquat MB-40 Swimming Pool Algaecide, EPA Reg. No. 6836-298  
Application for Label Notification**

Dear Ms. Noble:

I am submitting an application to update the company address and the Storage and Disposal language per PR Notice 2007-4. This product is non-dilutable and requires no new rinsate language.

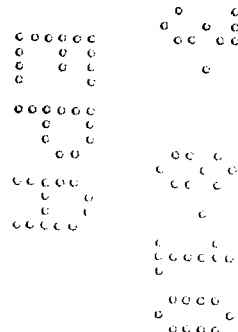
Please find the enclosed documents in support of this notification:

- Application for Notification;
- One copy of the proposed label with changes highlighted; and
- Two copies of the proposed label

If you have any questions or need any additional information, please feel free to contact me at 201-316-9297.

Sincerely,  
Lonza Inc.

Joanna Holcombe  
Sr. Commercial Regulatory Services Associate



# 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 <sub>14</sub> , 50%; C <sub>12</sub> , 40%; C <sub>16</sub> , 10%) dimethyl benzyl ammonium chloride .....	40.0%
Other Ingredients .....	60.0%
Total: .....	100.0%

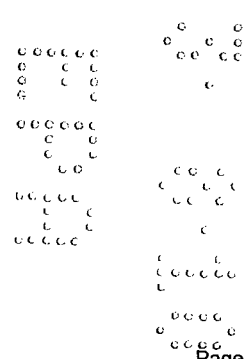
**KEEP OUT OF REACH OF CHILDREN**

**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., 90 Boroline Road, Allendale, NJ 07401



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

**DANGER.** Corrosive. Causes irreversible eye damage and skin burns. May be fatal if swallowed, absorbed through the skin or inhaled. Do not get in eyes, on skin, or on clothing. Do not breath vapor. Wear protective eyewear (goggles, face shield or safety glasses), protective clothing and rubber gloves when handling. 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 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.

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.

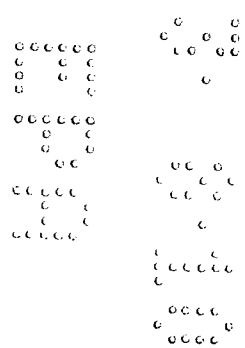
**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

**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.



### 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.

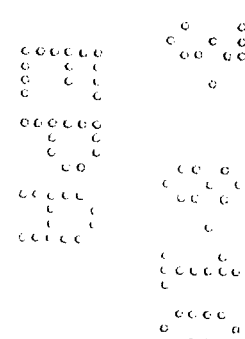
2. Re-entry interval: Swimmers are allowed to re-enter the pool 15 minutes after application of the product.
3. Ensure that water quality conditions are maintained for the successful use of the product.

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: For Nonrefillable Containers, 5 gallons or less; Ready-to-Use Product - not a dilutable per PRN 2007-4)**

**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.

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, Ready-To-Use Product over 5 gallons - no new container rinsing directions, not a dilutable per PRN 2007-4)**

**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**

Nonrefillable container. Do not reuse or refill this container.

(Plastic or Metal containers): Triple rinse (or equivalent). Then offer for recycling or reconditioning if available, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. If rinsate cannot be used, follow pesticide disposal instructions. 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.

