

6836-234

04-06-2010

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

APR - 6 2010

SUBJECT: Barquat 42Z-80
EPA Registration Number: 6836-234

Barquat Molluscicide 80
EPA Registration Number: 6836-215

Applications Dated: March 4, 2010
Receipt Dates: March 8, 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
fa

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

7510P.T.Lantz:4/6/2010:6836-234,-215

CONCURRENCES							
SYMBOL	7510P						
SURNAME	<i>Tracy Lantz</i>						
DATE	4/6/10						

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 42Z-80, EPA Reg. No. 6836-234
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 non-dilutable product is for industrial uses only.

Please find the enclosed documents in support of this notification:

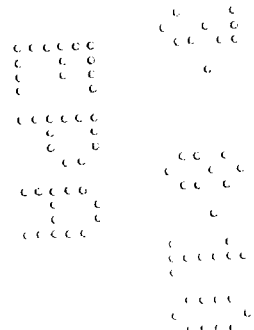
- Application for Notification;
- One copy of the proposed label with changes highlighted; and
- Two copies of the proposed label

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



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BARQUAT 42Z-80

For the Control of Mollusks and Algae, Bacterial and Fungal Slimes, in Once-Through and Closed-Cycle Fresh and Sea Water Cooling Systems

ACTIVE INGREDIENTS:

Alkyl (C ₁₄ , 60%; C ₁₆ , 30%; C ₁₂ , 5%; C ₁₈ , 5%)	
Dimethyl Benzyl Ammonium Chloride	40.0%
Alkyl (C ₁₂ , 68%; C ₁₄ , 32%)	
Dimethyl Ethylbenzyl Ammonium Chloride.....	40.0%
OTHER INGREDIENTS:	20.0%
	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.

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.

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.

EPA Reg. No.	6836-234
EPA Est. No.	(Enter EPA Est. No. Here)
NET CONTENTS	_____

LONZA, Inc.
90 Boroline Road
Allendale, NJ 07401

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

DANGER. 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). May be fatal if swallowed, absorbed through the skin, or inhaled. Do not breathe vapor. Wear a MSHA/NIOSH-approved dust/mist filtering respirator number TC21C or a NIOSH approved respirator with any N, R, P, or HE filter. Wash thoroughly with soap and water after handling and before eating, drinking, and using tobacco. Remove contaminated clothing and wash before reuse.

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.

(Note to reviewer: For Nonrefillable Containers, 5 gallons or less, for Industrial Uses; not a dilutable per PRN 2007-4)

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE

Store in original container in areas inaccessible to children.

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

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.

(Note to reviewer: For Nonrefillable Containers, over 5 gallons, for Industrial Uses; 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.

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

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.

(Fiber drums and liners): Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment then offer for recycling if available or dispose of liner and drum in a sanitary landfill or incinerate if allowed by State and local authorities. Do not reuse empty drum or liner.

DIRECTIONS FOR USE

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

BARQUAT 42Z-80 IS INTENDED FOR INDUSTRIAL USE ONLY

Do not apply to potable or domestic water systems.

Do not use water containing residues from use of this product to irrigate crops used for food or feed.

Use of product in either public / municipal or single or multiple family private / residential potable / drinking water systems is strictly prohibited. Use of the product in any cooling water system that discharges effluent within ¼ mile of either a public / municipal or single or multiple family private / residential potable / drinking water intake is strictly prohibited.

Apply BARQUAT 42Z-80 with a cloth, mop or mechanical spray device. When applied with a mechanical spray device, surface must be sprayed until thoroughly wetted. Treated surfaces must remain wet for 10 minutes. Fresh solution should be prepared daily or when the use solution becomes visibly dirty.

FOR THE CONTROL OF MOLLUSCA, BACTERIA, FUNGI AND ALGAE

When used as directed, BARQUAT 42Z-80 helps to effectively control algae, bacteria, fungi and macro fouling species such as clams, barnacles and mussels in commercial and industrial, re-circulating and once-through cooling water systems, influent water systems, brewery pasteurizers, auxiliary water systems and waste water systems. Product addition should be made with a metering pump. Product may be fed continuously or on an intermittent basis, depending on the degree of system fouling and retention time.

BACTERIAL, FUNGAL, AND ALGAE CONTROL IN RECIRCULATING, AUXILIARY AND WASTE WATER SYSTEMS AND PASTEURIZERS

INITIAL DOSE: Add BARQUAT 42Z-80 at an initial dosage of 0.15 – 0.25 gallons per 5,000 gallons of system water (25 – 50 ppm, 20 – 40 ppm a.i.). Repeat until the desired level of control is achieved. Heavily contaminated systems must be pre-cleaned.

SUBSEQUENT DOSE: Once control is achieved, add maintenance dosages of 0.15 – 0.5 quarts BARQUAT 42Z-80 per 5,000 gallons of system water (6 – 25 ppm, 5 – 20 ppm a.i.) weekly or as needed to maintain control. Apply BARQUAT 42Z-80 to a point in the system where it will be uniformly mixed and distributed, such as the tower sump.

MACROFOULING CONTROL IN RECIRCULATING AUXILIARY COOLING WATER AND WASTE WATER SYSTEMS

INITIAL DOSE: For the control of macro fouling growth such as clams, barnacles and mussels, add 0.2 – 1.7 fluid ounces of BARQUAT 42Z-80 per 1,000 gallons of system water (1 – 12 ppm, 1 – 10 ppm a.i.). Repeat as necessary to achieve control.

SUBSEQUENT DOSE: When control is evident, add 0.2 – 0.9 fluid ounces of BARQUAT 42Z-80 per 1,000 gallons of system water (1 – 6 ppm, 1 – 5 ppm a.i.) as needed to maintain control.

**ONCE-THROUGH COOLING WATER SYSTEMS
INTERMITTENT FEED**

INITIAL DOSE: When the system is noticeably fouled, add BARQUAT 42Z-80 at a dosage of 0.2 – 1.7 fluid ounces per 1,000 gallons of water (1 – 12 ppm, 1–10 ppm a.i.) based on system flow rates. The minimum treatment period should be 6 to 24 hours. Repeat as necessary to achieve control.

SUBSEQUENT DOSE: When control is evident, add BARQUAT 42Z-80 at a dosage of 0.1 - 0.9 fluid ounces per 1,000 gallons of water (0.6 – 6 ppm, 0.5 – 5 ppm a.i.) based on system flow rates on an as needed basis to maintain control. Frequency of feed should be tied to an in-plant monitoring program for macro fouling growth.

DEACTIVATION: Use bentonite clay at a minimum ration of 5 ppm clay to 1 ppm product. Deactivation must occur prior to discharge from the system.

**ONCE-THROUGH COOLING WATER SYSTEMS
CONTINUOUS FEED**

INITIAL DOSE: When the system is noticeably fouled, add BARQUAT 42Z-80 at a dosage of 0.1 – 0.9 fluid ounces per 1,000 gallons of water (0.6 – 6 ppm, 0.5 – 5 ppm a.i.) based on system flow rates. Continue to feed until needed control is achieved.

SUBSEQUENT DOSE: Maintenance control can be effective through continuous feed of BARQUAT 42Z-80 at a dosage of 0.03 – 0.3 fluid ounces per 1,000 gallons of water (0.2 – 2.5 ppm, 0.2 – 2 ppm a.i.) based on system flow rates.

DEACTIVATION: Use bentonite clay at a minimum ration of 5 ppm clay to 1 ppm product. Deactivation must occur prior to discharge from the system.