

6836-173

9/10/2010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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WASHINGTON, D.C. 20460



United States  
Environmental Protection  
Agency

Office of Pesticide Programs

Joanna Holcombe,  
Lonza Inc.  
90 Boroline Road  
Allendale, NJ 07401, USA

SEP 10 2010

**Subject:** Bio-Quat 50-28R  
**Registration No.:** 6836-173  
**Notification Date:** July 22, 2010  
**EPA Receipt Date:** August 13, 2010  
**Submission #:** 880411

Dear Ms. Holcombe,

This letter acknowledges receipt of your notification submitted under the provision of the Federal Insecticide, Fungicide and Rodenticide Act. (FIFRA) section 3(c)9 and PR Notice 98-10.

**Proposed Notification**

- Update Storage and Disposal Language per PR Notice 2007-4

**General Comments:**

Based on a review of the submitted materials, your notification for your product "Bio-Quat 50-28R", EPA Reg. 6836-173, as listed, is acceptable. A copy has been placed in our records for future reference.

Should you have any questions or comments concerning this letter, please contact Velma Noble PM Team 31 at (703) 308-6233 or Jamil Mixon at (703) 308-8032.

Sincerely,

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

**CONCURRENCES**

SYMBOL							
SURNAME							
DATE							





Via FedEx

Ms. Velma Noble, PM-31  
Document Processing Desk (PRN)  
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  
July 22, 2010

**SUBJECT: Bio-Quat 50-28R, EPA Reg. No. 6836-173  
Application for Label Notification**

AUG 13 2010

Dear Ms Noble:

I am submitting an application to update the storage and disposal language per PR Notice 2007-4. Please find the enclosed documents in support of this amendment:

- 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

# Lonza

90 BOROLINE ROAD  
ALLENDALE, NEW JERSEY 07401 USA  
EMERGENCY TEL. NO. 309-697-5400

HEALTH	3
FLAMMABILITY	2
REACTIVITY	0
PERSONAL PROTECTION	

## BIO-QUAT® 50-28R

For Formulation Into Antimicrobial Products

Active Ingredients: n-Alkyl (C<sub>14</sub>-50%, C<sub>12</sub>-40%, C<sub>16</sub>-10%) Dimethyl Benzyl Ammonium Chloride .....50.0%  
 Other Ingredients: .....50.0%  
 100.0%

### KEEP OUT OF REACH OF CHILDREN DANGER

**UN1903**  
DISINFECTANTS, CORROSIVE LIQUID,  
N.O.S.  
(ALKYL DIMETHYL BENZYL  
AMMONIUM CHLORIDE)

CAS NO: MIXTURE  
EPA Reg. No. 6836-173  
EPA EST. No. 6836-IL-1

#### PRECAUTIONARY STATEMENTS

##### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER! CORROSIVE.** Causes irreversible eye damage and skin burns. May be fatal if swallowed or absorbed through the skin. Do not get in eyes, on skin or on clothing. Wear protective eyewear, protective clothing and rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash clothing before reuse.  
May be fatal if inhaled. Do not breathe vapor. Wear a dust mist filtering respirator (MSHA/NIOSH approval # prefix TC-21C).

##### 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. Call a poison control center or doctor for treatment advice.  
**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.  
**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 a 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.

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. 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.

##### PHYSICAL OR CHEMICAL HAZARDS

DO NOT USE OR STORE NEAR HEAT OR FLAME!

#### DIRECTIONS FOR USE

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

This product is a concentrate for formulating purposes only. This product for formulation into antimicrobial products for use in/on Agricultural premises and equipment, Food Handling/storage establishment premises and equipment, Commercial, institutional and industrial premises and equipment, Medical Premises and equipment, Industrial processes and water systems, Wood preservatives. Formulators using this product are responsible for providing data for the EPA registration of their formulated products. This product may be used to formulate products for specific use(s) not listed on this label if the formulator or primary registrant has complied with U.S. EPA data requirements regarding the support of such use(s).

**NOTE:** This product should not be used or compounded with any reducing or oxidizing agents (such as calcium hypochlorite, solid perchlorate, or nitric acid) since such mixtures may be explosive. Do not use in conjunction with soap or any anionic wetting agent.

*(Note to reviewer: For Nonrefillable Containers over 5 gallons for commercial, industrial, and institutional uses. Chapter 13, Table 6 of the Label Review Manual states that for "All products in containers that could be burned," the registrant has the option to "Remain silent on burning;" therefore, no incineration language is provided for plastic containers.)*

#### 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. Do not store on side.

#### 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

*(Plastic and Metal Containers:)* Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. 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 application equipment or a 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 sanitary landfill. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations.

*(For metal containers only: DO NOT cut or weld metal containers.)*

*(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.

*(Fiber drums with liners:)* Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then, dispose of liner in a sanitary landfill or by incineration if allowed by state and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

FOR HELP IN A CHEMICAL  
EMERGENCY CALL  
CHEMTREC 1-800-424-9300.

BEFORE USING  
CONSULT MATERIAL  
SAFETY DATA SHEET.

CODE NO. (P)

LOT NO. (S)

WEIGHT. (Q)

lb. kg.

NUMBER:

CONSHOCKEN, PA

ALLENDALE, NJ

MAPLETON, IL

PASADENA, TX

WILLIAMSPORT, PA

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