

6836-38

08/31/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

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

AUG 31 2009

SUBJECT: Lonza Bio-Gentle  
EPA Registration No.: 6836-38  
Amendment Date: June 1, 2009  
EPA Receipt Date: June 2, 2009

Dear Ms. Holcombe,

The following amendment submitted in connection with registration under FIFRA, as amended, is acceptable with the conditions listed below.

**Proposed Amendment**

- Update Storage and Disposal per PRN 2007-4
- Update Company Address and add optional statements

**Conditions**

Revise the label as follows:

- 1) The Environmental Hazards must be revised to be in agreement with the ADBAC RED by adding the statement, "*This pesticide is toxic to fish and aquatic invertebrates.*"
- 2) The Container Rule rescinded PR Notice 83-3 and 84-1 Part II in which Container Disposal statements are no longer separated by container size but by use pattern. Delete the "Storage and Disposal" Instructions for containers one gallon or less.
- 3) Revise the "Container Disposal" statements for this product to read:

**Container Disposal:** Nonrefillable container. Do not reuse or refill container. Clean container promptly after emptying.

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

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(Containers 5 gallons or less [please note that the statements are the same for plastic and metal containers])

Triple rinse as follows: Fill container 1/4 full with water and recap. Agitate vigorously. Follow Pesticide Disposal instructions for rinsate 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.

(Container greater than 5 gallons [please note that the statements are the same for plastic and metal containers])

Triple rinse as follows: Fill container 1/4 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.

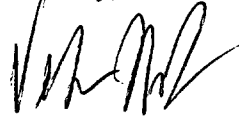
(For Bag in Box Containers): Proposed language acceptable.

General Comments

A stamped copy of the label accepted with conditions is enclosed. Submit three (3) copies of your final printed label before distributing or selling the product bearing the revised labeling.

Should you have any questions or comments concerning this letter, please contact Velma Noble at (703) 308-6233.

Sincerely,



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

Enclosure: Stamped Label

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER:** Corrosive. Causes irreversible eye damage and skin burns. Wear goggles or face shield and protective gloves (rubber, chemical resistant) when handling. May be fatal if absorbed through skin or swallowed. Wash thoroughly with soap and water after handling. 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.

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 product 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!**

**LONZA BIO-GENTLE**

**BACTERIOSTATIC LAUNDRY SOFTENER  
CONCENTRATE WITH RESIDUAL  
BACTERIOSTATIC ACTIVITY**

**COMMERCIAL AND INDUSTRIAL USE ONLY**

**Active Ingredients:**

Octyl Decyl Dimethyl Ammonium Chloride	15.0%
Dioctyl Dimethyl Ammonium Chloride	6.0%
Didecyl Dimethyl Ammonium Chloride	9.0%
Other Ingredients:	70.0%
Total:	100.0%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER PELIGRO**

See (right) (left) (side) (back) panel for Precautionary Statements and First Aid.

**CAS. NO. MIXTURE**

EPA Reg. No. 6836-38  
EPA Est. No. (*insert EPA Establishment No. here*)  
Net Weight (*insert size of container here*)  
[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

**6836-38**

SI NO PUEDE LEER EN INGLES, PREGUNTE A SU SUPERVISOR SOBRE LAS INSTRUCCIONES DE USO APROPIADAS ANTES DE TRABAJAR CON ESTE PRODUCTO.

#### DIRECTIONS FOR USE

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

Use 1.00 fluid oz. (2 tablespoons) LONZA BIO-GENTLE per 100 lbs. of fabric (dry weight). Use a maximum of 60 gallons (500 lbs.) of water per 100 lbs. of fabric (dry weight).

To soften laundered fabrics and obtain residual bacteriostatic activity against gram negative and / or gram positive odor-causing bacteria, dilute the appropriate amount of LONZA BIO-GENTLE in one to two gallons of water and then add to the wash-wheel at the beginning of the final rinse cycle.

Repeat the treatment of fabric with LONZA BIO-GENTLE after each washing.

~~(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 1/4 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 1/4 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 appropriate.~~

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(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 1/4 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 1/4 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.

FOR HELP IN A CHEMICAL EMERGENCY CALL CHEMTREC 800-424-9300. BEFORE USING CONSULT MATERIAL SAFETY DATA SHEET.