

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

FEE 23 2004

Mr. Robert Sloan  
Sr. Regulatory Services Associate  
Lonza Inc.  
17-17 Route 208  
Fair Lawn, NJ 07410

Subject: **Lonza Laundry Bacteriostat-Sanitizer**  
EPA Registration Number 6836-63  
Application / letter Dated December 30, 2003  
EPA Received Date December 30, 2003

Dear Mr. Sloan:

The following amendment, submitted in connection with registration the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

**Proposed Amendment:**

- Response to Agency letter dated 11/14/03

**General Comments:**

A stamped copy of the labeling accepted with conditions is enclosed. Submit one (1) copy of your final printed labeling before distributing or selling the product bearing the revised labeling.

Should you have any questions or comments concerning this letter, please contact Drusilla Copeland on (703) 308-6224.

Sincerely,



Verma Noble  
Product Manager (31)  
Regulatory Management Branch I  
Antimicrobials Division (7510C)

Enclosure Stamped Label

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

**PRECAUTIONARY STATEMENTS**

**HAZARDS 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, face shield, or safety glasses), protective clothing and protective gloves (rubber or chemical resistant). **May be fatal if swallowed or inhaled. Do not breathe vapor.** Wear a MSHA/NIOSH-approved dust/mist filtering respirator number TC-21C or a NIOSH approved respirator with any N, R, P, or HE filter. Harmful if absorbed through the skin. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

**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, preferable by mouth-to-mouth if possible. Call a poison control center or doctor for 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. Measures against circulatory shock, respiratory depression and convulsion may be needed.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish.  
*(If the container size is 5 gallons or greater, the following Environmental Hazards will be used.)*

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.

**LONZA LAUNDRY BACTERIOSTAT-SANITIZER**  
**EPA REG. NO. 6836-63**  
**EPA DRAFT LABEL 12-30-03**

**LONZA LAUNDRY  
BACTERIOSTAT - SANITIZER**

Twin-Chain Quaternary  
Ammonium Compound Concentrate

Residual Bacteriostat and Self-Sanitizing Agent  
Under Humid or Wet Contamination Conditions

Active Ingredients:

Octyl decyl dimethyl ammonium chloride .....	25.0%
Dioctyl dimethyl ammonium chloride .....	10.0%
Didecyl dimethyl ammonium chloride .....	15.0%
Other Ingredients .....	50.0%
Total: .....	100.0%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER (PELIGRO)**

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

EPA Reg. No. 6836-63

EPA Est. No. (insert EPA Establishment Number here)

Net Weight (insert container size here)

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

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

FEB 23 2004

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended for the worldwide  
registration of pesticides No. 6836-63

**LONZA LAUNDRY BACTERIOSTAT-SANITIZER** is based on a highly active mixture of three Twin Chain quaternary ammonium compounds.

Soiled and contaminated fabrics such as diapers, hospital and institutional linen, and athletic apparel is of major housekeeping concern, not only in hospitals, but in institutions, hotels, restaurants and schools.

Used as directed, **Lonza Laundry Bacteriostat-Sanitizer** provides effective residual bacteriostatic and self-sanitizing properties for laundered items such as diapers, hospital and institutional linens, and athletic apparel.

For residual bacteriostatic or self-sanitizing activity, conditions of high relative humidity or wet contamination are required.

**Lonza Laundry Bacteriostat-Sanitizer** is designed for commercial and institutional laundry use by addition to the final rinse step.

Laundered fabric may also be treated by soaking in a solution of **Lonza Laundry Bacteriostat-Sanitizer**.

For recommended solution concentration, see "Directions for Use."

**Lonza Laundry Bacteriostat-Sanitizer** is economical to use because it is concentrated. It should be handled with care.

**PELIGRO:** 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.

For residual bacteriostatic activity against gram negative and/or gram positive odor-causing bacteria, or residual self-sanitizing activity against *Klebsiella pneumoniae*, aberrant, ATCC No. 4352 and *Staphylococcus aureus*, ATCC No. 6538, use Lonza Laundry Bacteriostat-Sanitizer as directed:

**COMMERCIAL AND INSTITUTIONAL LAUNDRY USE**

**Initial Treatment:** Use 0.56 oz. (3.5 teaspoons) of LONZA LAUNDRY BACTERIOSTAT-SANITIZER per a maximum total of 60 gallons (500 lbs.) of water and a maximum of 100 pounds of fabric (dry weight). Dilute the appropriate amount of LONZA LAUNDRY BACTERIOSTAT-SANITIZER in one to two gallons of water and then add this solution to the wash wheel at the beginning of the final rinse cycle. A minimum rinse cycle time of 8 minutes is required.

**Repeat treatment:** Follow Initial Treatment directions and re-treat fabric after each washing (or if odor persists).

**PRESERVATION AGAINST MILDEW BY SOAKING**

Use 0.56 oz. (3.5 teaspoons) of LONZA LAUNDRY BACTERIOSTAT-SANITIZER per a maximum total of 60 gallons (500 lbs.) of water and a maximum of 100 pounds of fabric (dry weight). A minimum soaking time of 8 minutes is required.

LONZA LAUNDRY BACTERIOSTAT-SANITIZER is effective in all water temperatures.

*(If container size is 1 gallon or less, the following storage and disposal statements will be used:)*

**STORAGE AND DISPOSAL**

Store in original container in areas inaccessible to children. Do not reuse empty container. Discard in trash or recycle.

*(If container size is greater than gallon, the following storage and 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.

**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**

*(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 way of smoke.

*(Metal Containers):* Triple-rinse (or equivalent), then offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.