

6836-60

10/20/2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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



United States  
Environmental Protection  
Agency

Office of Pesticide Programs

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

OCT 20 2010

**Subject:** Lonza Low Foam Water Treatment Microbiocide  
**Registration No.:** 6836-60  
**Notification Date:** September 21, 2010  
**EPA Receipt Date:** September 22, 2010  
**Submission #:** 882880

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 for refillable containers per PR Notice 2007-4

**General Comments:**

Based on a review of the submitted materials, your notification for "Lonza Low Foam Water Treatment Microbiocide", EPA Reg. 6836-60, 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							

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<p><b>EPA</b>                  United States                  Environmental Protection Agency                  Washington, DC 20460</p>	<p><input type="checkbox"/> Registration  <input type="checkbox"/> Amendment  <input checked="" type="checkbox"/> Other</p>	<p>OPP Identifier Number</p>
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**Application for Pesticide - Section 1**

<p>1. Company/Product Number <b>6836-60</b></p>	<p>2. EPA Product Manager <b>Velma Noble</b></p>	<p>3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted</p>
<p>4. Company/Product (Name) <b>Lonza Low Foam Water Treatment Microbiocide</b></p>	<p>PM# <b>31</b></p>	
<p>5. Name and Address of Applicant (Include ZIP Code)                  Lonza Inc.                  90 Boroline Road                  Allendale, NJ 07401</p> <p><input type="checkbox"/> Check if this is a new address</p>		<p>6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(I), my product is similar or identical in composition and labeling to:                   EPA Reg. No.                  Product Name</p>

**Section - II**

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below

**Explanation:** Use additional page(s) if necessary. (For Section I and Section II.)  
**\*Not Subject to PRIA\***

**Label Notification to add storage and disposal language for refillable containers per PR Notice 2007-4.**

This notification is consistent with the provisions of PR-Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Signature: Joanna Holcombe Date: 9-21-10

**Section - III**

<p>1. Material This Product Will Be Packaged In:</p>			
<p>Child-Resistant Packaging  <input type="checkbox"/> Yes*  <input checked="" type="checkbox"/> No  <i>*Certification must be submitted</i></p>	<p>Unit Packaging  <input type="checkbox"/> Yes  <input checked="" type="checkbox"/> No                  If "Yes"                  Unit Packaging wgt.      No. per container</p>	<p>Water Soluble Packaging  <input type="checkbox"/> Yes  <input checked="" type="checkbox"/> No                  If "Yes"                  Package wgt.      No. per container</p>	<p>2. Type of Container  <input checked="" type="checkbox"/> Metal  <input checked="" type="checkbox"/> Plastic  <input type="checkbox"/> Glass  <input type="checkbox"/> Paper  <input type="checkbox"/> Other (Specify)</p>
<p>3. Location of Net Contents Information  <input checked="" type="checkbox"/> Label      <input checked="" type="checkbox"/> Container</p>	<p>4. Size(s) Retail Container                   1 oz. to bulk</p>	<p>5. Location of Label Directions  <input checked="" type="checkbox"/> On Label  <input checked="" type="checkbox"/> On labeling accompanying product</p>	
<p>6. Manner in Which Label is Affixed to Product  <input checked="" type="checkbox"/> Lithograph      <input type="checkbox"/> Other _____  <input checked="" type="checkbox"/> Paper glued  <input checked="" type="checkbox"/> Stenciled</p>			

**Section - IV**

<p>1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)</p>		
<p>Name <b>Joanna Holcombe</b></p>	<p>Title <b>Sr. Commercial Regulatory Services Associate</b></p>	<p>Telephone No. (Include Area Code) <b>201-316-9297</b></p>
<p><b>Certification</b>                  I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.</p>		<p>6. Date Application Received                  (Stamped)</p>
<p>2. Signature <u>Joanna Holcombe</u></p>	<p>3. Title <b>Sr. Commercial Regulatory Services Associate</b></p>	
<p>4. Typed Name <b>Joanna Holcombe</b></p>	<p>5. Date <b>9-21-10</b></p>	



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# LONZA LOW FOAM WATER TREATMENT MICROBIOCIDE

Twin-Chain Quaternary  
Ammonium Compound Concentrate  
Low Foam Water Treatment Microbiocide  
For Building and Industrial Cooling Water Systems [and] [Decorative Fountains]

### Active Ingredients

Diocetyl dimethyl ammonium chloride..... 50%

Other Ingredients..... 50%  
100%

**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, preferable by mouth-to-mouth if possible. Call a poison control center or doctor for treatment advice.

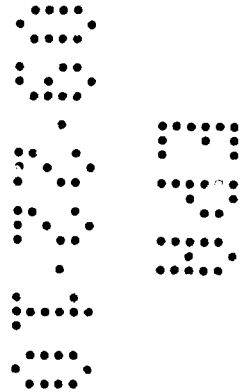
Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

SEE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Registration No. 6836-60  
EPA Establishment No.  
Net Contents: (as indicated on container)  
[Country of origin (insert country)]  
[Manufactured in (insert country)]  
[Barcode]

Manufactured by:  
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 or inhaled. Do not breathe vapor. Wear a dust/mist filtering respirator (MSHA/NIOSH approval number prefix 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. Remove contaminated clothing and wash before reuse.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and aquatic invertebrates. 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 HAZARDS**

**DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.**

*(Note to reviewer: The following is considered optional marketing language:)*

The presence of foam in [recirculating cooling towers] [building and industrial cooling water systems] [and] [decorative fountains] impairs the [performance] [and] [aesthetics] of the unit. Loss of heat transfer and pressure fluctuations are two of the problems encountered when foam is present in the recirculating water system.

One of the possible causative agents is the microbiocide added to control algae and [algae slimes] [microbial slimes] [bacterial slimes]. LONZA LOW FOAM WATER TREATMENT MICROBIOCIDE, by design, is a low foaming microbiocide. When used as directed, LONZA LOW FOAM WATER TREATMENT MICROBIOCIDE will control algae and [algae slimes] [microbial slimes] [bacterial slimes] found in [recirculating cooling tower waters] [building and industrial cooling water systems] [and] [decorative fountains] and not introduce a foam problem.

LONZA LOW FOAM WATER TREATMENT MICROBIOCIDE helps clean and loosen slime debris from [cooling system] [and] [decorative fountain] surfaces. When used in slug dose, no other microbiocide is required.

LONZA LOW FOAM WATER TREATMENT MICROBIOCIDE is economical to use because it is concentrated. It should be handled with care.

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## DIRECTIONS FOR USE

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

When used as directed, LONZA LOW FOAM WATER TREATMENT MICROBIOCIDE helps to control algae and [algae slimes] [microbial slimes] [bacterial slimes] in [industrial recirculating cooling water systems] [and] [decorative fountains]. Product addition must 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.

### [RECIRCULATING COOLING TOWERS] [BUILDING AND INDUSTRIAL COOLING WATER SYSTEMS]

**Initial Dose:** Add 16 oz. per 1,000 gallons of water (60 ppm active).

Should the above dosage not give satisfactory results, use 21 fluid ounces per 1,000 gallons of water. Repeat the initial dose every seven days or increase the frequency if needed.

Heavily [contaminated] [fouled] systems must be precleaned.

**Maintenance Dose:** Once control is achieved, add 6 to 9 oz. per 1,000 gallons of water weekly or as needed to maintain control. Cooling water systems that are inherently low in [algae] [microbial] growth may be adequately controlled by the lower range of these dosages. Slug feed every seven days.

The product must be added at a point in the system where it will be uniformly mixed and distributed such as the [sump of the system] [tower sump].

### FOR [ONLY] ALGAECIDAL CONTROL IN [RECIRCULATING COOLING TOWERS] [BUILDING AND INDUSTRIAL COOLING WATER SYSTEMS] AND DECORATIVE FOUNTAINS"

When used as directed, LONZA LOW FOAM WATER TREATMENT MICROBIOCIDE helps to control algae in [industrial recirculating cooling water systems] [building and industrial cooling water systems] [and] [decorative fountains]. Product addition must be made with a metering pump and may be fed continuously or on an intermittent basis depending on the degree of system fouling and retention time. Product must be added at a point in the system where it will be uniformly mixed and distributed throughout the system.

**Initial Dose:** Add 1.3 to 16 oz. per 1,000 gallons of water (5 to 60 ppm active). Repeat the initial dose every seven days or increase the frequency if needed. Heavily [contaminated] [fouled] systems must be precleaned.

**Maintenance Dose:** Once control is achieved, add 1.3 to 5.3 oz. per 1,000 gallons of water (5 to 20 ppm active) weekly, or as needed to maintain control.

### DECORATIVE FOUNTAINS

When used as directed, LONZA LOW FOAM WATER TREATMENT MICROBIOCIDE controls algae and [algal slimes] [microbial slimes] [bacterial slimes] in decorative fountains. For maximum effectiveness, fountains containing heavy algae growth should be cleaned prior to using LONZA LOW FOAM WATER TREATMENT MICROBIOCIDE. The product must be added at a point in the system where it will be uniformly mixed and distributed throughout the fountain.

**Initial Dose:** Fountains having visible algae growth require an initial dose of 16 oz. per 1,000 gallons of water (60 ppm active). Should the above dosage not give satisfactory results, use 21 fluid ounces

per 1,000 gallons of water. Repeat the initial dose every seven days or increase the frequency if needed.

**Maintenance Dose:** Once control is achieved, add 6 to 9 oz. per 1,000 gallons of water weekly or as needed to maintain control.

**(Note to reviewer: For Nonrefillable Containers, Containers for institutional/industrial/commercial uses)**

**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:**

**(Note to reviewer: This Container Statement will be used only for containers 5 gallons or less:)**

Nonrefillable container. Do not reuse or refill this container. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in sanitary landfill.

**(Note to reviewer: This Container Statement will be used for containers over 5 gallons:)**

Nonrefillable container. Do not reuse or refill this container. 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.

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*(Note to reviewer: For Refillable Containers – all sizes – No Reuse Rinsate Statement for Public Health Use products. 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. Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose.

**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:**

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before refilling is the responsibility of the refiller. Cleaning the container before final disposal is the responsibility of the person disposing of the container.

*(Plastic or Metal Containers:)* To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously, and dispose of rinsate consistent with pesticide disposal instructions. Repeat this rinsing 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.)