

5836-86

03/08/2007

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAR 8 2007

Ms. Georgia Anastasiou  
Agent for Lonza, Inc.  
Lewis & Harrison  
122 C Street, NW Ste 740  
Washington, DC 20001

Subject: Lonza DC-101  
EPA Registration No. 6836-86  
Amendment Date: February 27, 2007  
EPA Receipt Date: February 28, 2007

Dear Ms. Anastasiou,

The following notification submitted in connection with registration under FIFRA section 3(c)9 and PR Notice 98-10.

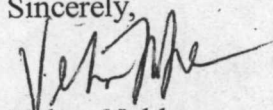
- Addition of Non-FIFRA Marketing Text

**General Comments**

Based on the submitted materials, the notification is acceptable and apart of the records on file.

Should you have any questions regarding this letter, please contact Jacqueline McFarlane at (703) 308-6416.

Sincerely,



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

CONCURRENCES

| SYMBOL  |  |  |  |  |  |  |  |
|---------|--|--|--|--|--|--|--|
|         |  |  |  |  |  |  |  |
| SURNAME |  |  |  |  |  |  |  |
| DATE    |  |  |  |  |  |  |  |



United States  
Environmental Protection Agency  
Washington, DC 20460

- Registration
- Amendment
- Other: Notification

OPP Identifier Number

### Application for Pesticide - Section I

|   |   |  |
|---|---|--|
| 1. Company/Product Number<br><b>6836-86</b>   | 2. EPA Product Manager<br><b>Velma Noble</b>  | 3. Proposed Classification<br><br><input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted |
| 4. Company/Product (Name)<br><b>Lonza DC-101</b>  | PM#<br><b>31</b>  |  |
| 5. Name and Address of Applicant (Include ZIP Code)<br><b>Lonza, Inc.</b><br><b>90 Boroline Rd.</b><br><b>Allendale, NJ 07401</b><br><b><u>PLEASE SEND ALL CORRESPONDENCE TO</u></b><br><b><u>"CONTACT POINT" LISTED BELOW</u></b><br><input type="checkbox"/> Check if this is a new address | 6. <b>Expedited Review.</b> In accordance with FIFRA Section 3(c)(3) (b)(I), my product is similar or identical in composition and labeling to:<br>EPA Reg. No. _____<br>Product Name _____ |  |

### 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.)

### Notification to add non-FIFRA marketing language. Please see highlighted label for details.

Notification Accordance With PR Notice 98-10

*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:

Date: **2/27/07**

### Section - III

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

### Section - IV

|  |  |  |
|--|--|--|
| 1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)   |  |  |
| Name <b>Georgia Anastasiou, Lewis &amp; Harrison, LLC, 122 C Street NW, Ste. 740, Washington, DC 20001</b>   | Title<br><b>Agent for Lonza, Inc.</b>    | Telephone No. (Include Area Code)<br><b>202-393-3903 x19</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. |  | 6. Date Application Received<br><b>(Stamped)</b>             |
| 2. Signature<br>   | 3. Title<br><b>Agent for Lonza, Inc.</b> |  |
| 4. Typed Name<br><b>Georgia Anastasiou</b>   | 5. Date<br><b>February 27, 2007</b>      |  |





**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, safety glasses or face shield), protective clothing and protective gloves (rubber or chemical resistant) when handling. Do not breathe spray. Harmful or fatal if swallowed. Avoid contamination of food. 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.

*(If container size is five gallons or greater, use the following Environmental Hazards statements):*

**ENVIRONMENTAL HAZARDS**

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.

**NOTIFICATION**  
Date Reviewed: *J. M. Gal*  
Reviewed By: *13/8/07*

# LONZA DC-101

One-Step Acid Cleaner, Disinfectant,

Virucide\*, Sanitizer, Mildewstat,  
Deodorizer With Organic Soil tolerance

Plus Disinfectant Hard Water Tolerance  
at 3 oz. per gallon (250 ppm calculated as CaCO<sub>3</sub>)  
and  
at 4 oz. per gallon (400 ppm calculated as CaCO<sub>3</sub>)  
for Hospital, Institutional, Industrial Use

- \*Virucidal against HIV-1 (AIDS Virus) and Herpes Simplex Types 1&2
- \*Virucidal against Foot and Mouth Disease
- Effective as a disinfectant against Pseudomonas aeruginosa [Pseudomonas], Staphylococcus aureus [Staph] and Streptococcus pyogenes [Strep]
- Removes Hard Water Deposits, Rust, Mineral stains and Lime Soap Buildups
- [Heavy Duty] [Bathroom] Cleaner, Mildewstat, and Deodorizer
- Quickly removes soap scum from shower tile, fiberglass, chrome and glass, toilet bowls, sinks, tubs & spas.
- Clean / Pine / Mint / Fresh [Scent] [Odor] [Fragrance]

**Active Ingredients:**

|   |         |
|---|---------|
| Octyl decyl dimethyl ammonium chloride .....  | 0.75%   |
| Dioctyl dimethyl ammonium chloride .....  | 0.30%   |
| Didecyl dimethyl ammonium chloride .....  | 0.45%   |
| Alkyl (C <sub>14</sub> 50%, C <sub>12</sub> 40%, C <sub>16</sub> 10%)<br>dimethyl benzyl ammonium chloride..... | 1.00%   |
| Inert Ingredients .....   | 97.50%  |
| Total .....   | 100.00% |

**KEEP OUT OF REACH OF CHILDREN**

## DANGER PELIGRO

See [left] [back] [right] [side] panel for Precautionary Statements and First Aid

EPA Reg. No. 6836-86  
EPA Est. No. *(insert EPA Est. No. here)*  
Net Contents *(as indicated on container)*

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



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

- Cleans [Cleaner]
- Disinfects [Disinfectant]
- Deodorizes [Deodorizer]
- [Quickly] Removes soap scum
- Cuts [through] [tough] grease and grime
- Removes Hard Water Deposits, Rust, Mineral stains and Lime Soap Buildups
- Contains no phosphates
- Concentrate [Concentrated] (These words are to be used only by those products that are not sold as full strength)

**LONZA DC-101**

- is a one-step disinfectant cleaner that is effective against a broad spectrum of bacteria,
- is virucidal\* [including HIV-1].
- inhibits [the growth of] mold and mildew and their odors when used as directed.
- inhibits [the growth of] mold and mildew, leaving bathrooms & kitchens clean and smelling fresh.
- effectively controls mold and mildew.
- is an effective one-step sanitizer-cleaner for use on non-food contact surfaces.
- will deodorize surfaces in toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause mal odors.
- will remove hard water deposits and limestone buildups when used as directed.
- is a mild acid pH disinfectant cleaner
- disinfects, cleans and deodorizes in one labor-saving step.
- is a concentrate that can be used with a mop and bucket, trigger sprayers, sponge, or by soaking.
- provides effective cleaning strength in removing difficult to clean soap scum, mineral (stains) deposits, Rust, Lime Soap Buildups and hard water deposits (stains).
- improves labor results by effectively controlling odors.
- cleans, shines, deodorizes and disinfects nonporous household surfaces.
- kills (household) germs (in ten minutes).

LONZA DC-101 is formulated to dissolve soap scum, mineral (stains) deposits, Rust, Lime Soap Buildups, corrosion and hard water deposits (stains) without scouring.

LONZA DC-101 has been used to clean hard, nonporous inanimate surfaces for over 10 years. Proven effective on tough bathroom problems.

LONZA DC-101 penetrates and dissolves soap scum, ground-in dirt and grime, mineral (stains) deposits, Rust, Lime Soap Buildups and hard water stains (deposits), and kills household germs. Cleans and shines without abrasive scouring action. Deodorizes too! Leaving your bathroom smelling [minty] fresh.

Use LONZA DC-101 in homes [households], hospitals, medical and dental offices, nursing homes, day care centers, nurseries, restaurants, bars, cafeterias, [institutional] kitchens, food processing plants, food storage areas, convenience stores, institutional facilities, public rest rooms, institutions, schools, colleges, athletic facilities, locker rooms, dressing rooms, shower and bath areas, exercise facilities, kitchens, bathrooms and other household areas, camp grounds, play grounds, public facilities, transportation terminals, hotels and motels, factories, business and office buildings, boats, ships, campers, trailers, mobile homes, cars, buses, trains, taxis and airplanes.

Use LONZA DC-101 (WHERE TO USE:) on washable hard nonporous surfaces: floors, walls, cabinets, counters [countertops], stoves [stovetops], sinks, appliances, microwave oven exteriors, refrigerator exteriors, commercial/institutional microwave ovens, commercial/institutional refrigerators, high chairs, tables, non-wooden picnic tables, outdoor (patio) furniture except cushions and wood frames, chairs, desks, telephones, door knobs, garbage cans, bathtubs, shower stalls, shower walls, glass shower doors tubs and glazed tiles, urinals, toilets, toilet bowls, toilet bowl surfaces, chrome fixtures, other bathroom fixtures, and hard nonporous surfaces made of metal, stainless steel, chrome, glazed porcelain, glazed ceramic, sealed stone, fiberglass and plastic (such as polystyrene, polypropylene) enameled surfaces, finished woodwork, vinyl and plastic upholstery, [Test a small area first.] [Do not use on PVD finished surfaces.]

Use LONZA DC-101 for non-scratch cleaning of showers and tubs, shower doors and vinyl or plastic shower curtains, fixtures, and toilet bowls.

Note: Some older tubs or sinks may be etched or discolored by LONZA DC-101. Test on a small hidden area first. Do not use on decorative brass fixtures, polished aluminum, natural or synthetic marble. Do not place container on Formica®

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

Cross-contamination is of major housekeeping concern not only in hospitals, but also in schools, institutions, and industry. **LONZA DC-101** has been formulated to aid in the reduction of cross-contamination in these areas.

**LONZA DC-101** is a [Hospital] disinfectant, bactericidal at 1:32 dilution [4 oz. per gallon of water] according to the AOAC Use-Dilution Test method, modified in the presence of 400 ppm hard water plus 5% organic serum against:  
Pseudomonas aeruginosa [Pseudomonas]  
Salmonella choleraesuis [Salmonella]  
Staphylococcus aureus [Staph]

**LONZA DC-101** is a [Hospital] disinfectant, bactericidal at 1:43 dilution [3 oz. per gallon of water] according to the AOAC Use-Dilution Test method, modified in the presence of 250 ppm hard water plus 5% organic serum against:  
or:

**LONZA DC-101** is a [Hospital] disinfectant, bactericidal at full strength according to the AOAC Use-Dilution Test method, modified in the presence of 5% organic serum against:  
Pseudomonas aeruginosa [Pseudomonas]  
Salmonella choleraesuis [Salmonella]  
Staphylococcus aureus [Staph]  
Brevibacterium ammoniagenes  
Enterobacter aerogenes  
Escherichia coli [E. coli]  
Klebsiella pneumoniae  
Proteus mirabilis  
Salmonella typhi  
Serratia marcescens  
Shigella dysenteriae  
Streptococcus pyogenes [Strep]

**LONZA DC-101** is virucidal\* at 1:43 dilution [3 oz. per gallon of water] according to the virucidal qualification, modified in the presence of 400 ppm hard water plus 5% organic serum against:  
or

**LONZA DC-101** is virucidal\* at full strength according to the virucidal qualification against:

- Herpes Simplex Type 1
- Herpes Simplex Type 2
- HIV-1 (AIDS virus)

**LONZA DC-101** is virucidal\* at 1:32 dilution [4 oz. per gallon of water] [or equivalent dilution] according to the virucidal qualification, modified in the presence of 400 ppm hard water plus 1% organic serum against:  
or

**LONZA DC-101** is virucidal\* at full strength according to the virucidal qualification against:

\*Foot and Mouth Disease virus

**PELIGRO:**

Si no sabe el ingles, solicite instrucciones a su supervisor antes de usar este producto.

**DIRECTIONS FOR USE**

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

**PREPARATION OF DISINFECTANT USE-SOLUTION:**

Add 3 oz. per gallon of water (for 250-ppm water hardness)  
Add 4 oz. per gallon of water (for 400-ppm water hardness).  
Use full-strength

**DISINFECTION DIRECTIONS:**

Apply [recommended use-solution] (or) [full-strength] with a cloth, mop, sponge, or sprayer or by soaking until surfaces are thoroughly wet. Treated surfaces must remain wet for 10 minutes. Wipe dry with a clean cloth or sponge or let air dry. For sprayer applications, use a coarse spray device. Spray with quick full strokes 6 - 8 inches from surface. Rub with a brush, sponge or cloth. Do not breathe spray. After use, close nozzle. For heavily soiled areas, a preliminary cleaning is required.

Prepare a fresh solution daily or more often if use solution becomes diluted or soiled.

(Note to reviewer: The following sentence is for full-strength products that do not require dilution:)

Use fresh product daily or more often if product becomes diluted or soiled.

Rinse all surfaces that come in contact with food such as countertops, appliances, tables and stovetops with potable water before reuse. [This product should not be used to clean utensils, glassware and dishes.]

(Note to reviewer: Alternate directions for products that are to be used full-strength and are sold in spray bottles)

Spray 6 - 8 inches from surface until surfaces are thoroughly wet. Do not breathe spray. Treated surfaces must remain wet for 10 minutes. Wipe dry with a clean cloth or sponge or let air dry. For heavily soiled areas, a preliminary cleaning is required. Rinse all surfaces that come in contact with food such as countertops, appliances, tables and stovetops with potable water before reuse. [This product should not be used to clean utensils, glassware and dishes.]





**FARM PREMISE DISINFECTION DIRECTIONS:**

1. Remove all animals and feed from premises, vehicles and enclosures.
2. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities and fixtures occupied or traversed by animals.
3. Empty all troughs, racks and other feeding and watering appliances.
4. Thoroughly clean all surfaces with soap or detergent and rinse with water.
5. Saturate all surfaces with a use-solution of 3 - 4 oz. of LONZA DC-101 per gallon of water (or equivalent dilution) for a period of 10 minutes.
6. Immerse all halters, ropes and other types of equipment used in handling and restraining animals as well as forks, shovels and scrapers used for removing litter and manure.
7. Ventilate buildings, cars, boats and other closed spaces.
8. Do not house livestock or employ equipment until treatment has been absorbed, set or dried.
9. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains and waterers with soap or detergent, and rinse with potable water before reuse.

**VEHICLES:**

Clean all vehicles including mats, crates, cabs, and wheels with (high pressure) water and Lonza DC-101. Use 3 oz. per gallon of water to treat all hard non-porous surfaces. Leave treated surfaces wet for 10 minutes, allow to air dry.

**FOOT AND MOUTH DISEASE DIRECTIONS:**

Add 4 oz. per gallon of water [or equivalent dilution] or use full strength. Follow Farm Premise Disinfection Directions, however, allow surface to remain wet for 30 minutes.

*(Note to reviewer: If container size is one gallon or less, use the following Storage and Disposal directions):*

**STORAGE AND DISPOSAL**

Store in original container in areas inaccessible to children. Do not reuse empty container. Securely wrap original container in several layers of newspaper and discard in trash or recycle.

*(Note to reviewer: If container size is greater than one gallon, use the following Storage and Disposal directions):*

**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 reuse empty container.

**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:**

*(Metal containers)* Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose in a sanitary landfill, or by other procedures approved by state and local authorities.

*(Plastic containers)* Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

