

PM 32 6836-87

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

SEP 10 1990

Lonza Inc.  
17-17 Route 208  
Fair Lawn, NJ 07410

Subject: Lonza DC-102 Quaternary Pine-Oil  
EPA Registration No. 6836-87  
Your Amendment Dated May 8, 1990

Attention: John P. Pazdera  
Manager, Regulatory Services

Dear Mr. Pazdera:

This is in regard to your resubmitted amendment (label, Confidential Statement of Formula, Child-Resistant Packaging certification statement) in response to the Agency letter dated September 24, 1990. The amendment is (a) a change in active ingredient percentages of dioctyl dimethyl ammonium chloride and didecyl dimethyl ammonium chloride, and (b) a danger statement in Spanish added to the label.

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comment below. A stamped copy of the labeling is enclosed for your records.

Submit five copies of the finished labeling before you release the product for shipment.

CONCURRENCES

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

If you have any questions about these comments, you may call Wallace Powell at 703-557-6938.

Sincerely,



Ruth G. Douglas  
Acting Product Manager (32)  
Antimicrobial Program Branch  
Registration Division (H-7504C)

Enclosure

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Cross contamination is of major housekeeping concern in schools, medical institutions and industry. LONZA FORMULATION DC-102 has been formulated to aid in the reduction of cross contamination in these areas. LONZA DC-102 is a one-step disinfectant cleaner that is effective against a broad spectrum of bacteria, is fungicidal, and will prevent the growth of mold and mildew and their odors when used as directed. LONZA DC-102 is an effective one-step sanitizer-cleaner for use on non-food contact surfaces. When used as directed, LONZA DC-102 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.

**PRECAUTIONARY STATEMENTS  
HAZARD TO HUMANS AND  
DOMESTIC ANIMALS**

**DANGER**

Keep Out of Reach of Children. Corrosive. Causes eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food.

**STORAGE AND DISPOSAL**

- Do not contaminate water, food, or feed by storage disposal.
- Do not store on side.
- Avoid crossing 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**

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 smoke. Metal Container: 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. (If container is 1 gallon or less, use this container disposal statement.) Do not reuse empty container (bottle, can, bucket). Wrap container and put in trash.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not use or store near heat or open flame

**LONZA DC-102  
QUATERNARY PINE-OIL**

Disinfectant-Cleaner-Sanitizer-Fungicide  
Mildewstat-Deodorizer With Organic Tolerance  
For Medical & Non-Medical Use Areas\*  
Plus Disinfectant Hard Water  
(400 ppm Calculated As CaCO<sub>3</sub>) Tolerance  
For Non-Medical Use Areas\*\*  
Hospital-Institutional-Industrial and School Use

**Active Ingredients**

Octyl decyl dimethyl ammonium chloride	0.570%
Dioctyl dimethyl ammonium chloride	0.228%
Didecyl dimethyl ammonium chloride	0.342%
Alkyl (C <sub>14</sub> , 50%; C <sub>12</sub> , 40%; C <sub>16</sub> , 10%) dimethyl benzyl ammonium chloride	0.760%
Pine-Oil	2.500%

**Inert Ingredients**

85.600%  
100.000%

KEEP OUT OF REACH OF CHILDREN

**DANGER PELIGRO**

**STATEMENT OF PRACTICAL TREATMENT**

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.

If swallowed, drink promptly large quantities of water. Avoid alcohol. Call a physician immediately.

**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 LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Registration No.  
EPA Establishment No.  
Net Contents

6836-87  
6836-1L-1

Manufactured by:  
LONZA INC., 17-17 Route 208, Fairport, NY 14740

with COMMENTS  
in EPA Letter dated

SEP 10 1991

Under the Federal Insecticide,  
Fungicide, and Fertilizer Act  
as amended for the pesticide  
registered under EPA Reg. No.

6836-87

**DIRECTIONS**

It is a violation of Federal law to use this product in a manner inconsistent with the label directions.

LONZA DC-102 is a disinfectant-sanitizer-cleaning agent. Its use in the presence of organic soil is not recommended.

Apply LONZA DC-102 to walls, floors, countertops, sinks and other surfaces. Surfaces must remain wet for 10 minutes. For mechanical spray, spray thoroughly wetted. For preliminary cleaning, use a solution daily or when necessary. Surfaces must remain wet for 10 minutes.

**DISINFECTANT -**

**NON-MEDICAL USE AREAS** - level, the activity evaluated by the ADAC to be effective against positive and gram negative bacteria:

- Serratia marcescens
- Salmonella typhi
- Staphylococcus aureus
- Salmonella choleraesuis
- Escherichia coli
- Streptococcus pyogenes
- Streptococcus faecalis
- Enterobacter aerogenes
- Shigella dysenteriae
- Brevibacterium ammonium

**NON-MEDICAL USE AREAS** -

level, the activity evaluated in the presence of 400 ppm hard water is 100%. **MEDICAL USE AREAS** - At 5 oz. per gallon use LONZA DC 102 is effective against aeruginosa.

**FUNGICIDAL CONTROL** -

level, LONZA DC 102 will control mold growth such as locker rooms, bath areas, exercise activity has been demonstrated both 5% blood serum and Trichophyton mentagrophytes fungus).

**MOLD AND MILDEW CONTROL** -

level, LONZA DC-102 will control mold and mildew growth when applied to hard surfaces as indicated in general instructions. Dry on surface and returns.

**SANITIZING NON-FOOD**

floors, walls, tables, use level prepared in LONZA DC-102 is an effective sanitizer against Staphylococcus aureus on hard porous and non-porous surfaces. Treated surface must remain wet for 10 minutes.

**PELIGRO**

SI NO PUEDE LEER EN INGLES, LEER LAS INSTRUCCIONES SOBRE LAS INSTRUCCIONES. TRABAJAR CON ESTE PRODUCTO.