

6836-71

11-28-1989

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

NOV 28 1989

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

Attention: Joseph A. Conti

Gentlemen:

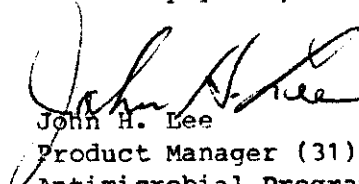
Subject: Lonza Formulation Y-59
EPA Registration No. 6836-71
Your Application Dated August 28, 1989
EPA Received Date September 13, 1989

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable and a stamped copy is enclosed for your records.

At the next printing of your product labeling, delete the statements "For Sale Use and Storage By Maintenance Personnel Only" and "General Classification."

If you have any questions concerning this letter, please contact Martha DeLaney at (703) 557-6982.

Sincerely yours,


John H. Lee
Product Manager (31)
Antimicrobial Program Branch
Registration Division (H7505C)

Enclosure

58358:I:A-4:DeLaney:L-1:KENCO:11/15/89:12/27/89:dg:vo:DD:ka

CONCURRENCES

SYMBOL							

LONZA FORMULATION Y-59 is a heavy-duty disinfectant cleaner with cleaning efficiency. It has been formulated to aid in the reduction of cross-contamination in institutions, schools and hospitals. LONZA FORMULATION Y-59 is a one-step disinfectant cleaner that is effective against a broad spectrum of bacteria, is virucidal, fungicidal, and inhibits the growth of mold and mildew and their odors when used as directed. LONZA FORMULATION Y-59 is an effective one-step sanitizer-cleaner for use on porous and non-porous non-food contact surfaces in waters up to 400 ppm hardness.

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 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 creasing or impacting of side walls.

PESTICIDE DISPOSAL

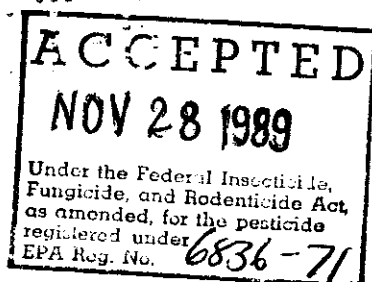
Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray or mixture of rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL

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.



LONZA FORMULATION Y-59

Heavy Duty
 Disinfectant-Cleaner-Fungicide
 Mildewstat-Virucide*-Sanitizer-Deodorizer
 with Organic Soil Tolerance
 Plus Disinfectant Hard Water
 (400 ppm Calculated As CaCO₃) Tolerance
 For Non-Medical Use Areas**

Hospital-Institutional-Industrial and School Uses

Active Ingredients

Octyl decyl dimethyl ammonium chloride	0.768%
Dioctyl dimethyl ammonium chloride	0.307%
Didecyl dimethyl ammonium chloride	0.461%
Alkyl (C ₁₄ , 50%; C ₁₂ , 40%; C ₁₆ , 10%) dimethyl benzyl ammonium chloride	1.024%

Inert Ingredients

97.440%
 100.000%

KEEP OUT OF REACH OF CHILDREN

DANGER

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 a large quantity of milk, egg whites, gelatin solution; or if these are not available, drink 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. 6836-71

EPA Establishment No. 6836-IL-1

Net Contents

MANUFACTURED BY:

LONZA INC., 17-17 Route 208, Fair Lawn, N.J. 07410

For Sale For Use And Storage By Maintenance Personnel Only

DIRECTIONS FOR USE

GENERAL CLASSIFICATION

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

LONZA FORMULATION Y-59 is a proven "one-step" cleaner—disinfectant—sanitizer—fungicide—mildewstat—virucide in the presence of organic soil and 400 ppm hard water**.

Apply LONZA FORMULATION Y-59 to walls, floors and other hard (inanimate) surfaces such as tables, chairs, countertops, sinks and bedframes with a cloth, mop or mechanical spray; surface must be sprayed until thoroughly wetted. For heavily soiled areas, a preliminary cleaning is required. Prepare a fresh solution daily or when use solution becomes visibly dirty. Treated surfaces must remain wet for ten minutes.

Disinfection—

Non-Medical Use Areas—Schools, Institutions and Industries— At 2 oz. per gallon use level. The activity of LONZA FORMULATION Y-59 has been evaluated in the presence of 5% serum by the AOAC Use-Dilution method and found to be effective against a broad spectrum of gram positive and gram negative organisms as represented by:

Serratia marcescens	Proteus mirabilis
Salmonella typhi	Klebsiella pneumoniae
Staphylococcus aureus	Enterobacter aerogenes
Salmonella choleraesuis	Salmonella schottmuelleri
Escherichia coli	Shigella dysenteriae
Streptococcus pyogenes	Brevibacterium ammoniagenes

Non-Medical Use Areas—** At 3 oz. per gallon use level prepared in water up to 400 ppm hardness. The activity has been evaluated in the presence of both 5% blood serum and 400 ppm hard water against the above referenced organisms.

For Hospitals and Nursing Homes. 3 oz. per gallon use level. At this dilution, LONZA FORMULATION Y-59 is effective against Pseudomonas aeruginosa as well as the broad spectrum organisms listed. The same AOAC test used above were used to confirm suitable performance.

Virucidal Performance*. At 2 oz. per gallon use level LONZA FORMULATION Y-59 was evaluated in the presence of 5% serum and found to be effective against the following viruses: Influenza A (Brazil) virus, Herpes Simplex Type 1 and Vaccinia and Avian Influenza on inanimate environmental surfaces.

Fungicidal Performance—

LONZA FORMULATION Y-59 is an effective fungicide against Trichophyton mentagrophytes (the athlete's foot fungus) when used at 2 oz. per gallon in areas such as locker rooms, dressing rooms, shower and bath areas, exercise facilities, etc.

Mildewstatic Performance. At 2 oz./gallon, LONZA FORMULATION Y-59 will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard, non-porous surfaces (as indicated in general instructions above). Allow to dry on surface and repeat when mildew growth returns.

Sanitizing-Non-Food Contact Surfaces. At ¼ oz./gallon use-level, 30 second contact time, LONZA FORMULATION Y-59 is an effective sanitizer in waters of up to 400 ppm hardness against Staphylococcus aureus and Klebsiella pneumoniae for both porous and non-porous surfaces. For sanitizing non-food contact surfaces. NO POTABLE WATER RINSE IS REQUIRED.

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