

MAY 18 1991

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

Attention: Joseph R. Robinson


Gentlemen:

Subject: Lonza Formulation Y-59
EPA Registration No. 6836-71
Your Application Dated February 25, 1991

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.

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

61737;I:WP5.0:DeLaney:C.Disk:KEVRIC:04/10/91:DD:WO:EK:CL

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

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

Inert Ingredients

97.440X
100.000X

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	

BEST AVAILABLE COPY

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

DIRECTIONS

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

LONZA FORMULATION Y-59 is disinfectant-sanitizer-fungicide in the presence of organic matter.

Apply LONZA FORMULATION Y-59 to other hard (inanimate) surfaces such as chairs, countertops, sink, bedframes with a cloth, surface must be sprayed until heavily soiled areas are cleaned. Prepare a fresh solution becomes visibly dirty. Remain wet for ten minutes.

DISINFECTANT USE AREAS - NON-MEDICAL USE AREAS - INDUSTRIES - At 2 oz./gal. activity of LONZA FORMULATION Y-59 in the presence of 5% serum and found to be effective against a broad spectrum of gram positive bacteria as represented by:

- Serratia marcescens
- Salmonella typhi
- Staphylococcus aureus
- Salmonella choleraesuis
- Escherichia coli
- Streptococcus pyogenes

Non-Acid Toilet Bowl Disinfectant

1. Add 1.5 oz. to the bowl. Brush over exposed surfaces. Rinse, allow to stand for 10 minutes.
2. Empty toilet bowl. Add 2 oz./gal. use-solution to the bowl. Flush including under the rim. Rinse or mechanical spray.

NON-MEDICAL USE AREAS** - At 2 oz./gal. level prepared in water up to 400 ppm hardness activity has been evaluated against a broad spectrum of gram positive and gram negative referenced organisms.

FOR HOSPITALS AND NURSING HOMES - At 2 oz./gal. level. At this dilution, LONZA FORMULATION Y-59 is effective against Pseudomonas aeruginosa, the broad spectrum organism. The test used above were of excellent performance.

VIRUCIDAL PERFORMANCE* - At 2 oz./gal. level, LONZA FORMULATION Y-59 is effective in the presence of 5% serum and found to be effective against the following viruses: Herpes Simplex Type 1 and 2, and on inanimate environmental surfaces.

FUNGICIDAL PERFORMANCE - LONZA FORMULATION Y-59 is effective against Trichophyton mentagrophytes (foot fungus) when used at 2 oz./gal. level in such as locker rooms, dressing rooms, exercise facilities,