

PP: 6836-71

JAN 14 1991

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

Attention: Joseph R. Robinson
Associate Director

BEST AVAILABLE COPY

Gentlemen:

Subject: Lonza Formulation Y-59
EPA Registration No. 6836-71
Your Amendment Dated October 15, 1990

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. Under the "Non-Acid Toilet Bowl Disinfectants/Cleaner Application" heading, revise "Brush over exposed surfaces . . ." to read "Brush over exposed surfaces including under the rim"
 - b. Revise the statement ". . . exposed surfaces with a cloth, mop, sponge or mechanical spray" to read ". . . exposed surfaces including under the rim with a cloth, mop, sponge, or mechanical spray."
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

56362:I:WP5.0:DeLaney:C.Disk:KENCO:12/20/90:de:vo:ek:de

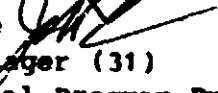
CONCURRENCES

SYMBOL								
SURNAME								
DATE								

A stamped copy of the labeling is enclosed for your records.

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

Sincerely yours,

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

Enclosure

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 procedure 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.

JAN 14 1991
6836-71

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

BEST AVAILABLE COPY

DIREC

It is a violation of product in a labeling.

LONZA FORMULATION disinfectant-sanitizer presence of organic

Apply LONZA FORMULATION on other hard (metal, chairs, counters and bedframes with surface must be dry for heavily soiled required. Preparation must remain wet for

Disinfection -

Non-Medical Use industries - At 2 oz. per FORMULATION Y-59

5% serum by the Act effective against a broad negative organisms: *Serratia marcescens*, *Salmonella typhi*, *Staphylococcus aureus*, *Salmonella choleraesuis*, *Escherichia coli*, *Streptococcus*

Non-Acid Toilet

1. Add 1.8 oz. Brush over exposed minutes and flush.
2. Empty toilet use solution to sponge or mop.

Non-Medical Use prepared in water been evaluated in 400 ppm hard water

For Hospitals and At this dilution, LONZA FORMULATION Y-59 is effective against *Pseudomonas aeruginosa* and other organisms listed. To confirm suitability

Virucidal Performance LONZA FORMULATION Y-59 is effective against following viruses: *Staphylococcus aureus* Type 1 and *Salmonella enteritidis*

Fungicidal Performance LONZA FORMULATION Y-59 is effective against *Trichophyton mentagrophytes* used at 2 oz. per room, shower and

Mildewstat Performance LONZA FORMULATION Y-59 is effective against mildew and mold on hard, non-porous surfaces (see above). Allow to dry before returns.

Sanitizing-Non-Medical Use: 30 second contact time an effective sanitizer against *Staphylococcus aureus* for both porous and non-porous food contact surfaces. REQUIRED.