

LONZA FORMULATION Y-59 is a heavy-duty disinfectant cleaner with superior 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 will inhibit 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

Hazards 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 OR DISPOSAL
- OPEN DUMPING IS PROHIBITED
- DO NOT REUSE EMPTY CONTAINER

PESTICIDE DISPOSAL

PESTICIDE, SPRAY MIXTURE OR RINSE WATER THAT CANNOT BE USED ACCORDING TO LABEL INSTRUCTIONS MUST BE DISPOSED OF ACCORDING TO FEDERAL OR APPROVED STATE PROCEDURES UNDER SUBTITLE C OF THE RESOURCE CONSERVATION AND RECOVERY ACT.

CONTAINER DISPOSAL

TRIPLE RINSE (OR EQUIVALENT) THEN OFFER FOR RECYCLING OR RECONDITIONING, OR DISPOSE OF IN A SANITARY LANDFILL, OR BY INCINERATION IF ALLOWED BY STATE AND LOCAL AUTHORITIES.

GENERAL

CONSULT FEDERAL, STATE OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES

ACCEPTED
with COMMENTS
in EPA 600/3-83-014

JAN 23 1983

REG. NO. 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	0.384%
Didecyl dimethyl ammonium chloride	0.384%
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., 22-10 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 soils. **USE FOR HARD SURFACES**
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 3 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. At 3 oz. per gallon use level, LONZA FORMULATION Y-59 is effective against Pseudomonas aeruginosa as well as the broad spectrum organisms listed. The same AOAC tests 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 and Vaccinia 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.

Mildewstat 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 above). Allow to dry on surface and repeat weekly or when mildew growth returns.

Sanitizing-Non-Food Contact Surfaces. At 4 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**

Lonza, Inc.
22-10 Route 208
Fair Lawn, NJ 07410

Attention: Irving Gottlieb
Manager, Governmental Relations

Gentlemen:

Subject: Lonza Formulation Y-59
EPA Registration No. 6836-71
Your Application Dated December 22, 1982

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A), is acceptable provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
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 sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

Sincerely yours,

J. Lee
John H. Lee
Product Manager (31)
Disinfectants Branch
Registration Division (TS-767C)

Enclosure

DIS:LeeJohn:DCR-07695:1991C:efs:Raven:479-2013:1/10/83