

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  
HAZARDS TO HUMANS AND  
DOMESTIC ANIMALS**

**DANGE**

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.

**ENVIRONMENTAL HAZARDS**

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA

**STORAGE AND DISPOSAL**

- Do not contaminate water, food, or feed by storage or 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 nnsate 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). The 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 one 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 CaCO<sub>3</sub>) Tolerance

for Non-Medical 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 <sub>14</sub> , 50%; C <sub>12</sub> , 40%; C <sub>16</sub> , 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

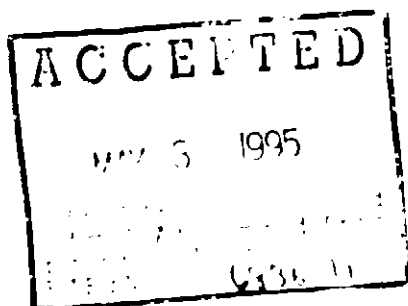
SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Registration No 6836-71

EPA Establishment No 6836 IL-1

Net Contents

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



## DIRECTIONS FOR USE

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) non-porous surfaces such as tables, chairs, countertops, sinks, toilet bowls, urinals and bedframes with a cloth, mop or mechanical spray device so as to thoroughly wet surfaces. 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
Vibrio choleraesuis	Salmonella schottmuelleri
Escherichia coli	Shigella dysenteriae
Streptococcus pyogenes	Brevibacterium ammoniagenes

#### **Non-Acid Toilet Bowl Disinfectant/Cleaner Application**

- 1 Add 1.5 oz to the bowl (0.75 gallons) and mix. Brush thoroughly over exposed surfaces and under the rim, allow to stand for 10 minutes and flush.
- 2 Empty toilet bowl or urinal and apply a 2 oz./gal use-solution to exposed surfaces and under the rim with a cloth, mop, sponge or mechanical spray.

**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 of 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 (such as floors, walls, tables, etc.)** At 3/4 oz./gallon use-level, LONZA FORMULATION Y-59 is an effective sanitizer in waters of up to 400 ppm hardness against Staphylococcus aureus and Klebsiella pneumoniae for both hard porous and non-porous surfaces. For sanitizing non-food contact surfaces. **NO POTABLE WATER RINSE IS REQUIRED.**

This product is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.