

**LONZA FORMULATION Y-59** is a heavy duty disinfectant cleaner with superior cleaning effectiveness. It has been formulated to aid in the removal of soil, dirt, grease, and oil from all surfaces. **LONZA FORMULATION Y-59** is a one-step disinfectant cleaner that is effective against a broad spectrum of bacteria, viral and fungal pathogens, and odors. **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 severe skin damage. Do not get in eyes or 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**

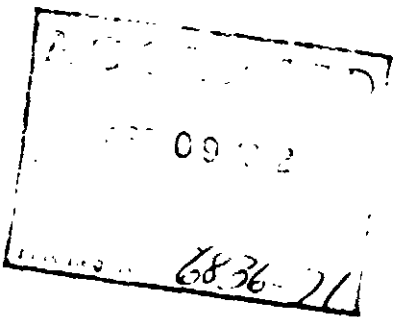
PESTICIDE SPRAY MIXTURE OR RINSE WATER THAT CANNOT BE USED ACCORDING TO LABEL INSTRUCTIONS MUST BE DISPOSED OF ACCORDING TO FEDERAL OR APPROVED STATE PROCEDURES UNDER SUBTITLE II OF THE RESOURCE CONSERVATION AND RECOVERY ACT.

**CONTAINER DISPOSAL**

TRIPLE RINSE OR EQUIVALENT, THEN REFER FOR RECYCLING OR RECONDITIONING OR OTHERWISE TO A SANITARY LANDFILL OR BY INCINERATION AS ALLOWED BY STATE AND LOCAL AUTHORITIES.

**GENERAL**

CONSULT FEDERAL, STATE, OR LOCAL OFFICIAL AUTHORITIES FOR APPROVED ALTERNATE TREATMENT.



**LONZA FORMULATION Y-59**  
**Heavy Duty**  
**Disinfectant-Cleaner-Fungicide**  
**Mildewstat-Virucide-Sanitizer-Deodorizer**  
**with Organic Soil Tolerance**  
**for Institutional and Hospital Use**

**Active Ingredients**

Octyl decyl dimethyl ammonium chloride	0.768%
Dioctyl dimethyl ammonium chloride	0.384%
Didecyl dimethyl ammonium chloride	0.384%
Alkyl (C <sub>12</sub> -50% C <sub>14</sub> -40% C <sub>16</sub> ) trimethyl 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, do not apply eye ointment and wash contaminated clothing before reuse.

If swallowed, drink promptly a large quantity of milk and water or a gelatin solution 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 heavy-duty disinfectant cleaner. It is effective against a broad spectrum of bacteria, viral and fungal pathogens, and odors.

Apply **LONZA FORMULATION Y-59** to walls, floors and other hard non-porous surfaces such as tables, chairs, countertops, sinks and bedframes with a mop or brush. For glossy surfaces, spray and thoroughly wet. For heavily soiled areas, a preliminary cleaning is required. For greatest effectiveness, use solution on heavily soiled surfaces. Treated surfaces must remain wet for 10 minutes.

**Disinfection —**

**For Schools, Institutional (Non-Medical) & Industrial Use, 2 oz per gallon use level.** The active ingredients in **LONZA FORMULATION Y-59** have 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
- Salmonella typhi
- Staphylococcus aureus
- Salmonella choleraesuis
- Escherichia coli
- Streptococcus pyogenes
- Haemophilus influenzae
- Klebsiella pneumoniae
- Enterobacter aerogenes
- Salmonella schottmulleri
- Shigella dysenteriae
- Brevibacterium ammoniagenes

**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 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, B, and C; Herpes Simplex and Vaccinia. 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 per 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 2 oz per gallon use level, use and 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 hard non-porous surfaces, use **LONZA FORMULATION Y-59** in water with up to 400 ppm hardness.