

Cross-contamination is of major housekeeping concern not only in hospitals, but in homes, institutions and industry. LONZA FORMULATION S-37 has been formulated to aid in the reduction of cross-contamination in these areas. LONZA FORMULATION S-37 is a one-step disinfectant cleaner that is effective against a broad spectrum of bacteria, is virucidal, fungicidal, and will prevent the growth of mold and mildew and their odors when used as directed. LONZA FORMULATION S-37 is an effective one-step sanitizer-cleaner for use on non-food contact surfaces.

When used as directed, LONZA FORMULATION S-37 will deodorize surfaces in toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause malodors.

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 in 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 2 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
APR 09 1982
6836-72

LONZA FORMULATION S-37

Disinfectant-Cleaner-Spitzerizer
Fungicide-Mildewstat-Virucide-Deodorizer
with Organic Soil Tolerance
for Hospitals, Institutional and Industrial Use

Active Ingredients

Octyl Decyl Dimethyl Ammonium Chloride	2.1%
Dioctyl Dimethyl Ammonium Chloride	1.6%
Didecyl Dimethyl Ammonium Chloride	1.05%
Akylol (C ₁₂ -C ₁₄) 40-60% 10-15%	
Dimethyl Benzyl Ammonium Chloride	2.80%

Inert Ingredients

99.00%
1.00%

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, and if these are not available, drink large quantities of water. Avoid a lot of Caffeine 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. 6836-72

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 S-37 is a proven one-step cleaner, disinfectant, sanitizer, fungicide, mildewstat, virucide in the presence of moderate amounts of organic soil.

Apply LONZA FORMULATION S-37 to walls, floors and other hard non-porous surfaces such as tables, chairs, countertops, tile, porcelain, sinks 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 when use solution becomes visibly dirty.

Disinfection - Add 5% (1/2 oz. per gallon) of water to 1 oz. per gallon of water. Treat surfaces with a wetter for 10 minutes. The activity of LONZA FORMULATION S-37 has been evaluated in the presence of 5% serum by the AOAC use dilution test and found to be effective against a broad spectrum of gram negative and gram positive organisms as represented by:

- Pseudomonas aeruginosa
- Staphylococcus aureus
- Salmonella choleraesuis
- Escherichia coli
- Streptococcus pyogenes
- Proteus mirabilis
- Klebsiella pneumoniae
- Enterobacter aerogenes
- Salmonella schottmuelieri
- Streptococcus faecalis
- Shigella dysenteriae
- Brevibacterium ammoniagenes
- Serratia marcescens
- Salmonella typhi

Fungicidal Performance

LONZA FORMULATION S-37 is an effective fungicide against Trichophyton mentagrophytes (the athlete's foot fungus) when used on surfaces in areas such as locker rooms, dressing rooms, shower and bath areas, exercise facilities, etc. at 1 oz. per gallon.

Mold and Mildew Control

At 1 oz. per gallon LONZA FORMULATION S-37 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.

Virucidal Performance

At 1 oz. per gallon use level LONZA FORMULATION S-37 was evaluated in the presence of 5% serum and found to be effective against the following viruses: Influenza A, B, C, Herpes Simplex and Vaccinia on inanimate environmental surfaces.

Sanitizing-Non-Food Contact Surfaces (such as floors, walls, tables, etc.): At 1 oz. per 3.5 gallon use level LONZA FORMULATION S-37 is an effective sanitizer against Staphylococcus aureus and Klebsiella pneumoniae in the presence of 5% serum on porous and non-porous environmental surfaces. Treated surface must remain wet for 2 minutes.