

Cross-contamination is of major housekeeping concern not only in hospitals, but in schools, institutions and industry. LONZA FORMULATION R-82 has been formulated to aid in reduction of cross-contamination in these areas.

LONZA FORMULATION R-82 is a one-step disinfectant cleaner that is effective against a broad spectrum of bacteria, is virucidal* (including HIV-1), fungicidal, and inhibits the growth of mold and mildew and their odors when used as directed.

LONZA FORMULATION R-82 is an effective one-step sanitizer-cleaner for use on non-food contact surfaces. When used as directed, LONZA FORMULATION R-82 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 mal odors.

**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 or fatal if swallowed or absorbed through skin. Avoid contamination of food.

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 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 procedures 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.

**LONZA
FORMULATION R-82**

Disinfectant-Cleaner-Sanitizer-Fungicide
Mildewstat-Virucide*-Deodorizer
for Hospitals, Institutional and Industrial Use

Effective in hard water up to 400 ppm hardness
(calculated as CaCO₃) in the presence of
5% serum contamination

Active Ingredients

Octyl decyl dimethyl ammonium chloride	6.510%
Dioctyl dimethyl ammonium chloride	2.604%
Didecyl dimethyl ammonium chloride	3.906%
Alkyl (C ₁₄ , 50%; C ₁₂ , 40%; C ₁₆ , 10%) dimethyl benzyl ammonium chloride	8.680%

Inert Ingredients

78.300%
100.000%

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO

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 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.

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Registration No.

6836-78

EPA Establishment No.

6836-IL-1

Net Contents

ACCEPTED

APR 06 1992

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under
EPA Reg. No. 6836-78

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

DIRECTIONS FOR USE

It is a violation of Federal Law to use in a manner inconsistent with its labeling

LONZA FORMULATION R-82 is a proven disinfectant-cleaner-sanitizer-fungicide-virucide which is effective in water up to hardness in the presence of 5% serum cont

Apply LONZA FORMULATION R-82 to walls other hard (inanimate) non-porous surfaces, tables, chairs, countertops, sinks, tile toilet bowls, urinals and bedframes with or mechanical spray device so as to the surfaces. For heavily soiled areas, a cleaning is required. Prepare a fresh so. or when use solution becomes visibly dirty;

DISINFECTION - to disinfect hard, surfaces, add 0.5 oz. per gallon of water; surfaces must remain wet for 10 min activity of LONZA FORMULATION R-82 has been in the presence of 5% serum and 400 ppm by the AOAC use-dilution test and is effective against a broad spectrum of gram and gram positive organisms as represented

Pseudomonas aeruginosa
Staphylococcus aureus
Salmonella choleraesuis
Escherichia coli
Streptococcus pyogenes
Klebsiella pneumoniae
Enterobacter aerogenes
Salmonella schottmuelleri
Streptococcus faecalis
Shigella dysenteriae
Brevibacterium ammoniagenes
Salmonella typhi
Serratia marcescens
Pseudomonas cepacia

Non-Acid Toilet Bowl Disinfectant/Cleaner
1. Add 0.5 oz. to the bowl (0.75 gallon). Brush thoroughly over exposed surfaces and rim, allow to stand for 10 minutes and flush. 2. Empty toilet bowl or urinal and 0.5 oz./gal. use-solution to exposed including under the rim with a cloth, mop, mechanical spray.

*** VIRUCIDAL PERFORMANCE -**

At 0.5 oz. per gallon use-level, LONZA FORM 82 was evaluated in the presence of 5% serum in hard water for a contact time of 10 min at room temperature (20-25°C) against the viruses found on inanimate hard, environmental surfaces:

HIV-1 (AIDS virus)
Influenza A/Brazil
Herpes Simplex Types 1 and 2
Vaccinia

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