

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-stop disinfectant-cleanser 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 spores when used as directed.

LONZA FORMULATION R-82 is an effective one-stop sanitizer-cleanser 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 foul odors.

PRECAUTIONARY STATEMENTS HAZARDOUS 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.

POISON AND IRRITANT

- Do not contaminate water, food, or feed by storage or disposal.
- Do not store on side.
- Avoid crossing or impacting of side walls.

PESTICIDE SIGNAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray or mixture of residue 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 nearest Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL

Triple rinse (or equivalent). Then offer for recycling or reconditioning of drums 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 Containers: 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). Wash container and put in trash.

LONZA FORMULATION R-82

Disinfectant-Cleanser-Sanitizer-Fungicide
PHENOL-ANTHRAQUINONE-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	8.5185
Diethyl dimethyl ammonium chloride	2.6841
Didodecyl dimethyl ammonium chloride	3.9061
Alkyl (C ₁₂ - C ₁₈) C ₁₂ , C ₁₄ , C ₁₆ , C ₁₈	
dimethyl benzyl ammonium chloride	8.6801

Inert Ingredients

78.3001
100.0881

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO

STATEMENT OF PRACTICAL THREATS

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-II-1

Net Contents

ACCEPTED

MAR 03 1994

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 200, Fair Lawn, NJ 07410

PM 31

6836-78

DIRECTIONS FOR USE

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

LONZA FORMULATION R-82 is a proven "one-stop" disinfectant-cleanser-sanitizer-fungicide-deodorizer-virucide which is effective in water up to 400 ppm hardness in the presence of 5% serum contamination.

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

DISINFECTION - To disinfect hard, non-porous surfaces, add 0.5 oz. per gallon of water. Treated surfaces must remain wet for 10 minutes. The activity of LONZA FORMULATION R-82 has been evaluated in the presence of 5% serum and 400 ppm hard water by the AACT virucidal 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
Klebsiella pneumoniae
Enterobacter aerogenes
Salmonella schottmulleri
Streptococcus faecalis
Shigella dysenteriae
Brevibacterium caseinigenes
Salmonella typhi
Yersinia enterocolitica
Pseudomonas cepacia

Non-Acid Toilet Bowl Disinfectant/Cleaner Application

1. Add 0.5 oz. to the bowl (0.73 gallon) 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 0.5 oz./gal. use-solution to exposed surfaces (including under the rim with a cloth, mop, sponge or mechanical spray. Allow to stand for 10 minutes and flush.

VERMICULAR PERFORMANCE

At 0.5 oz. per gallon use-level, LONZA FORMULATION R-82 was evaluated in the presence of 5% serum and 400 ppm hard water for a contact time of 10 minutes at room temperature (20-25°C) against the following viruses found on inanimate hard, non-porous environmental surfaces:

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

This product is not to be used as a vermicular standing level disinfectant on any surfaces or instruments that (1) is introduced directly into the human body, either via or in contact with the bloodstream or normally sterile areas of the body, or (2) contains other mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body.

WALLS, FLOORS OR NON-CLEANED ENVIRONMENTAL SURFACES/OBJECTS CONTAMINATED WITH BLOOD/BODY FLUIDS in health care settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids, and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of human immunodeficiency virus Type 1 (HIV-1) (associated with AIDS).

SPECIAL DIRECTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.

FEDERAL PROTECTION: Clean-up should always be done wearing protective latex gloves, gowns, masks and eye protection.

CLEANING PROCEDURE: Blood and other body fluids containing HIV must be thoroughly cleaned from surfaces and objects before application of LONZA FORMULATION R-82.

CONTACT TIME: Leave surface wet for 10 minutes with 0.5 oz. per gallon use-solution.

DISPOSAL OF INFECTED MATERIAL: Blood, body fluids, cleaning materials and clothing should be collected and disposed of according to local regulations for infectious waste disposal.

FUNGICIDAL PERFORMANCE

LONZA FORMULATION R-82 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 at 0.5 oz./gallon.

MOLD AND MILDEW CONTROL: At 0.5/gallon, LONZA FORMULATION R-82 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 0.5 oz. per 5.5 gallon use-level, LONZA FORMULATION R-82 is an effective sanitizer against *Staphylococcus aureus* and *Klebsiella pneumoniae* on hard porous and non-porous environmental surfaces. Treated surfaces must remain wet for 60 seconds.

PELIGRO:

SI NO PUEDE LEER EN INGLES, PREGUNTAR A SU SUPERVISOR SOBRE LAS INSTRUCCIONES DE USO APROPIADAS ANTES DE TRABAJAR CON ESTE PRODUCTO.

2/15/94

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