

Cross-contamination is of major housekeeping concern not only in hospitals, but in schools, institutions and industry. LONZA FORMULATION DC-103 has been formulated to aid in the reduction of cross-contamination in these areas.

LONZA FORMULATION DC-103 is a one-step disinfectant-cleanser that is effective against a broad spectrum of bacteria, is virucidal, fungicidal, and controls the growth of mold and mildew and their odors when used as directed.

When used as directed, LONZA FORMULATION DC-103 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  
HAZARD TO HUMANS AND  
DOMESTIC ANIMALS**

**CAUTION**

Keep Out of Reach of Children. May cause eye irritation and skin irritation. Do not get in eyes, on skin, or on clothing. Wear rubber gloves when handling. Harmful if swallowed. Avoid contamination of food. Wash thoroughly with soap and water after handling.

**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.

PM 31 168E6-152  
**LONZA  
FORMULATION DC-103**

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

Effective in the presence of 5% serum contamination

**Active Ingredients**

Octyl decyl dimethyl ammonium chloride	0.025%
Dioctyl dimethyl ammonium chloride	0.010%
Didecyl dimethyl ammonium chloride	0.015%
Alkyl (C <sub>14</sub> , 50%; C <sub>12</sub> , 40%; C <sub>16</sub> , 10%) dimethyl benzyl ammonium chloride	0.034%

**Inert Ingredients**

99.916%  
100.000%

KEEP OUT OF REACH OF CHILDREN

**CAUTION**

**STATEMENT OF PRACTICAL TREATMENT**

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. 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.

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Registration No. 6836-152

EPA Establishment No. 6836-IL-1

**Net Contents**

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

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2 of 2

#### DIRECTIONS FOR USE

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

LONZA FORMULATION DC-103 is a "onestep" disinfectant-cleaner-fungicide-mildewstat-virucide which is effective in the presence of 5% serum contamination.

Apply LONZA FORMULATION DC-103 undiluted to walls, floors and other hard (inanimate) non-porous surfaces such as tables, chairs, countertops, sinks, tile, toilets, glazed porcelain, and bedframes with a cloth, mop, pump or mechanical spray device so as to thoroughly wet surfaces. For heavily soiled areas, a preliminary cleaning is required.

For sprayer applications, use a coarse spray device. Spray 6-8 inches from surface, rub with brush, sponge or cloth. Do not breathe spray mist.

**DISINFECTION** - To disinfect hard, non-porous surfaces, treated surfaces must remain wet for 10 minutes.

**For Schools, Industry and Medical Institution Use:**  
The activity of LONZA FORMULATION DC-103 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 tested:

<i>Pseudomonas aeruginosa</i>	<i>Enterobacter aerogenes</i>
<i>Staphylococcus aureus</i>	<i>Streptococcus faecalis</i>
<i>Salmonella choleraesuis</i>	<i>Shigella dysenteriae</i>
<i>Escherichia coli</i>	<i>Brevibacterium ammoniagenes</i>
<i>Streptococcus pyogenes</i>	<i>Salmonella typhi</i>
<i>Klebsiella pneumoniae</i>	<i>Serratia marcescens</i>

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

1. Empty toilet or urinal and apply to exposed surfaces with a cloth, mop, sponge, or mechanical spray.
2. Brush thoroughly over exposed surfaces including under the rim, allow to stand for 10 minutes, and flush.

**FUNGICIDAL CONTROL.** LONZA FORMULATION DC-103 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.

**MOLD AND MILDEW CONTROL.** LONZA FORMULATION DC-103 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.** LONZA FORMULATION DC-103 was evaluated and found to be effective in the presence of 5% serum against the following viruses:

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

on inanimate hard non-porous environmental surfaces.

**KILLS HIV-1 ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED 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).

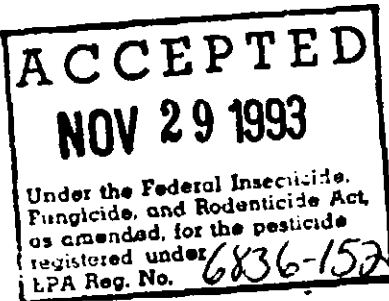
**"SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS."**

**PERSONAL 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 DC-103.

**CONTACT TIME:** Leave surface wet for 10 minutes.

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



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