

Cross contamination is of major housekeeping concern in schools, medical institutions and industry. LONZA FORMULATION DC-102 has been formulated to aid in the reduction of cross contamination in these areas. LONZA DC-102 is a one-step disinfectant cleaner that is effective against a broad spectrum of bacteria, is fungicidal, and will prevent the growth of mold and mildew and their odors when used as directed. LONZA DC-102 is an effective one-step sanitizer-cleaner for use on non-food contact surfaces. When used as directed, LONZA DC-102 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**

**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. Avoid contamination of food.

[For containers larger than one gallon:]

**STORAGE AND DISPOSAL**

- Do not contaminate water, food, or feed by storage 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.

[For containers one gallon or less:]

**STORAGE:** Do not store on side. Avoid creasing or impacting of side walls.  
**DISPOSAL:** Do not reuse empty container (bottle, can, bucket). Wrap container and put in trash.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not use or store near heat or open flame.



**LONZA DC-102 QUATERNARY PINE-OIL**

Disinfectant-Cleaner-Sanitizer-Fungicide  
Mildewstat-Deodorizer With Organic Tolerance  
For Medical & Non-Medical Use Areas\*  
Plus Disinfectant Hard Water  
(400 ppm Calculated As CaCO<sub>3</sub>) Tolerance  
For Non-Medical Use Areas\*\*  
Hospital-Institutional-Industrial and School Use

**Active Ingredients**

Octyl decyl dimethyl ammonium chloride	0.570%
Dioctyl dimethyl ammonium chloride	0.285%
Didecyl dimethyl ammonium chloride	0.285%
Alkyl (C <sub>14</sub> : 50%; C <sub>12</sub> : 40%; C <sub>16</sub> : 10%) dimethyl benzyl ammonium chloride	0.780%
Pine-Oil	2.500%

**Inert Ingredients**

95.600%
100.000%

KEEP OUT OF REACH OF CHILDREN

**DANGER**

**STATEMENT OF PRACTICAL TREATMENT**

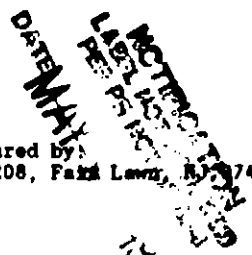
In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.

If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution; or if these are not available, drink large quantities of water. 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.	6836-87
EPA Establishment No.	6836-IL-1
Net Contents	



Manufactured by  
LONZA INC., 17-17 Route 208, Fair Lawn, N.J. 07410

FOR SALE FOR USE AND STORAGE BY  
MAINTENANCE PERSONNEL ONLY

**DIRECTIONS FOR USE**

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

LONZA DC-102 is a proven "one-step" cleaner-disinfectant-sanitizer-fungicide-mildewstat in the presence of organic soil.

Apply LONZA DC-102 to walls, floors and other hard (inanimate) surfaces such as tables, chairs, countertops, sinks and bedframes with a cloth, mop or mechanical spray; surface must be sprayed until thoroughly wetted. For heavily soiled areas, a preliminary cleaning is required. Prepare a fresh solution daily or when use becomes visibly dirty. Surfaces must remain wet for ten minutes.

**DISINFECTION -**

**NON-MEDICAL USE AREAS\*** Schools, Institutions and Industries. At 2.5 oz. per gallon use level, the activity of LONZA DC-102 has been evaluated 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
- Streptococcus faecalis
- Enterobacter aerogenes
- Shigella dysenteriae
- Brevibacterium ammoniagenes

**NON-MEDICAL USE AREAS\*\*** - At 5 oz. per gallon use level, the activity of LONZA DC-102 has been evaluated in the presence of both 5% blood serum and 400 ppm hard water against Staphylococcus aureus, Salmonella choleraesuis and Escherichia coli.

**MEDICAL USE AREAS\*** - Hospitals and Nursing Homes. At 5 oz. per gallon use level. At this dilution, LONZA DC 102 is effective against Pseudomonas aeruginosa.

**FUNGICIDAL CONTROL** - At 2.5 oz. per gallon use level, LONZA DC 102 when used on surfaces in areas such as locker rooms, dressing rooms, shower and bath areas, exercise facilities. Fungicidal activity has been demonstrated in the presence of both 5% blood serum and 400 ppm hard water against Trichophyton mentagrophytes (the athlete's foot fungus).

**MOLD AND MILDEW CONTROL** - At 2.5 oz./gallon use-level, LONZA DC-102 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 1 oz. per gallon use level prepared in water up to 800 ppm hardness, LONZA DC-102 is an effective sanitizer against Staphylococcus aureus and Klebsiella pneumoniae on hard porous and non-porous environmental surfaces. Treated surface must remain wet for 60 seconds.