

2000/2005

**LONZA  
DISINFECTANT  
CLEANER  
19-a**

CLEANER-DISINFECTANT  
DEODORIZER-FUNGICIDE  
VIRUCIDE\*-MILDEWSTAT  
SANITIZER  
with Organic Soil Tolerance  
for Hospital, Institutions and  
Industrial Use

COMMERCIAL

GUARANTEE:

Didecyl dimethyl ammonium chloride.....4.5%

**DANGER**

**POISON**

**CORROSIVE**

READ LABEL BEFORE USE

**REGISTRATION NO. 17551  
PEST CONTROL PRODUCTS ACT**

**DIN NO. \_\_\_\_\_**

NET CONTENTS \_\_\_\_\_ L

**Manufactured by:**

LONZA INC.,  
17-17 ROUTE 208, FAIR LAWN, N.J. 07410

**Canadian Agent:**

CANADA COLORS & CHEMICALS  
80 SCARSDALE ROAD, DON MILLS,  
ONTARIO M3B 2R7

Cross-contamination is of major housekeeping concern not only in hospitals, but in schools, institutions, and industry. LONZA DISINFECTANT CLEANER 19-a is formulated for this problem area. It both cleans and disinfects effectively and is virucidal when used as directed. Its hard surface disinfecting action will reduce the hazard of cross contamination.

LONZA DISINFECTANT CLEANER 19-a is an extremely effective one-step sanitizer for non-food contact surfaces. It cleans and sanitizes in waters up to 850 ppm hardness. This hard water tolerance is in excess of most potable waters and will insure complete sanitizing action when used as directed.

At 10 mL/L, LONZA DISINFECTANT CLEANER 19-a will deodorize surfaces in bathrooms, garbage storage areas and other places where bacterial growth can cause malodors. Inhibits the growth of mold and mildew.

PRECAUTIONARY STATEMENTS:

KEEP OUT OF REACH OF CHILDREN. May cause severe eye irritation or eye damage. Wear eye protection. Causes skin irritation. Do not get in eyes, on skin or on clothing. Harmful if swallowed. Avoid contamination of food.

FIRST-AID: 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 or poison control centre immediately.

TOXICOLOGICAL INFORMATION: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

NOTICE TO USER: This control product is to be used only in accordance with the directions on this label. It is an offense under the Pest Control Products Act to use a control product under unsafe conditions.

DISPOSAL:

1. Rinse the emptied container thoroughly and add the rinsings to treatment site.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal or reconditioning.
3. Dispose of the container in accordance with provincial requirements.
4. For information on the disposal of unused, unwanted product and the cleanup of spills contact the regional office of Conservation and Protection, Environment Canada.
5. For small spills. Recover free liquid. Soak up residue with solids absorbant. DO NOT FLUSH INTO SURFACE STREAMS. INFORM ENVIRONMENT CANADA AS IN NO. 4.

DIRECTIONS FOR USE: LONZA DISINFECTANT CLEANER 19-a is a proven "one-step" disinfectant-cleaner-sanitizer-fungicide-mildewstat-virucide in the presence of moderate amounts of organic soil.

Apply LONZA DISINFECTANT CLEANER 19-a to walls, floors and other hard (inanimate) non-porous surfaces such as tables, chairs, countertops, sinks, tile, porcelain, 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 or when use solution becomes visibly dirty.

DISINFECTATION: Treated surfaces must remain wet for 10 minutes. To disinfect hard, non-porous hospital surfaces, add 20 mL/L water. At this use level, LONZA DISINFECTANT CLEANER 19-a is also virucidal and fungicidal . At 10 mL/L of water, LONZA DISINFECTANT CLEANER 19-a will disinfect hard non-porous surfaces in schools, industry and non-medical institutions.

FOR SCHOOLS, NON-MEDICAL INSTITUTIONAL AND INDUSTRIAL USE At 10 mL/L of water, LONZA DISINFECTANT CLEANER 19-a delivers excellent cleaning and germicidal effectiveness. It is effective against *Staphylococcus aureus*, *Salmonella choleraesuis* and *Escherichia coli*.

LONZA DISINFECTANT CLEANER 19-a 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.

MILDEWSTAT PERFORMANCE: at 10 mL/L LONZA DISINFECTANT CLEANER 19-a will effectively inhibit the growth of mold and mildew and

the odors caused by them when applied to hard, non-porous surfaces (as indicated above). Allow to dry on surface and repeat when mildew growth returns.

VIRUCIDAL PERFORMANCE\*: At 8 mL/L use level, LONZA DISINFECTANT CLEANER 19-a was evaluated in the presence of 10% serum and found to be effective against the following viruses: Herpes Simplex (a member of the virus family that causes infectious mononucleosis, Vaccinia (representative of the pox viruses), Adenovirus Type 5 (a causative virus in respiratory diseases), and Influenza A2 as represented by the strains commonly called the Hong Kong Flu and the London Flu virus, on inanimate environmental surfaces. FOR HOSPITALS AND NURSING HOMES, ADD 20 mL/L OF WATER. The broad spectrum activity of LONZA DISINFECTANT CLEANER 19-a has been evaluated and found to be effective against the following organisms by the AOAC Use-Dilution test:

Pseudomonas aeruginosa	Enterobacter aerogenes
Staphylococcus aureus	Salmonella schottmuelleri
Salmonella choleraesuis	Proteus mirabilis
Escherichia coli	Streptococcus faecalis
Streptococcus pyogenes	Shigella dysenteriae
Klebsiella pneumoniae	Brevibacterium ammoniagenes

SANITIZING: NON-FOOD CONTACT SURFACES (such as walls, floors, tables, etc.). At 6.5 mL/L use-level, LONZA DISINFECTANT CLEANER 19-a is an effective sanitizer in waters of up to 850 ppm hardness against Staphylococcus aureus and Klebsiella pneumoniae in the presence of 5% serum on hard porous and non-porous environmental surfaces. Treated surfaces must remain wet for 30 seconds.

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