

96.12.03

LONZA

FORMULATION

S-38-3

DISINFECTANT - CLEANER - SANITIZER -
FUNGICIDE - MILDEWSTAT - VIRUCIDE*
DEODORIZER

with Organic Soil Tolerance for Hospitals,
Institutional and Industrial Use

COMMERCIAL

CAUTION

POISON CORROSIVE

GUARANTEE:

Alkyl (40% C12, 50% C14, 10% C16) dimethyl benzyl ammonium chloride.....	1.520%
Octyl decyl dimethyl ammonium chloride.....	1.140%
Dioctyl dimethyl ammonium chloride.....	0.456%
Didecyl dimethyl ammonium chloride.....	0.684%

READ THE LABEL BEFORE USING

REGISTRATION NO. 19898
PEST CONTROL PRODUCTS ACT

DIN NO. 02008505

NET CONTENTS: _____ L LOT # _____

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

DIRECTIONS FOR USE:

LONZA FORMULATION S-38-3 is a proven "one-step" cleaner-disinfectant-sanitizer-fungicide-mildewstat-virucide in the presence of moderate amounts of organic soil. Prepare end-use solutions by adding indicated amount of FORMULATION S-38-3 to the identified volume of clean water, listed below. Alternately, ensure automatic diluting/dispensing equipment is calibrated appropriately to provide dilution indicated. (Refer to instructions for equipment). Apply LONZA FORMULATION S-38-3 to walls, floors and other hard (inanimate) non-porous surfaces such as tables, chairs, countertops, sinks and bedframes with a cloth, mop or by course spray from hand operated trigger pump spray, 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.

DISINFECTION: to disinfect hard, non-porous surfaces, add 17 mL/L of water. Treated surfaces must remain wet for 10 minutes. At this use level. LONZA FORMULATION S-38-3 is also virucidal, fungicidal and mildewstatic. At 9 mL/L LONZA FORMULATION S-38-3 will disinfect hard non-porous surfaces in schools, industry and non-medical institutions.

SANITIZING: to sanitize porous or non-porous, non-food contact surfaces, add 5 mL/L of water. Treated surfaces must remain wet for 60 seconds. For hospitals and nursing homes, add 17 mL/L of water. The broad spectrum activity of LONZA FORMULATION S-38-3 has been evaluated in the presence of 5% serum and found to be effective against the following organisms by the AOAC Use-Dilution test:

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

AOAC Fungicidal Test: LONZA FORMULATION S-38-3 at 9 mL/L 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.

Mold and Mildew Control: at 4 mL/L LONZA FORMULATION S-38-3 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*: at 9 mL/L use-level, LONZA FORMULATION S-38-3 was evaluated in the presence of 5% serum and found to be effective against the Influenza A/Brazil Virus on inanimate non-porous environmental surfaces.

For schools, non-medical institutional and industrial uses: at 9 mL/L of water, LONZA FORMULATION S-38-3 delivers excellent cleaning and germicidal effectiveness. It is effective against Staphylococcus aureus, Salmonella choleraesuis and Escherichia coli. The same AOAC tests used above to confirm suitable performance for hospitals were used.

SANITIZING - Non-Food Contact Surfaces (such as floors, walls, tables, etc.): at 5 mL/L use-level, LONZA FORMULATION S-38-3 is an effective sanitizer against Staphylococcus aureus and Klebsiella pneumoniae in the presence of 5% serum on non-porous environmental surfaces.

Instructions for Cleaning and Decontaminating Against HIV-1 on Surfaces and Objects Soiled with Blood or Bodily Fluids: This product is effective against HIV-1 (Human Immunodeficiency Virus) in the presence of organic soil (5% blood serum)

Personal Protection: When handling items soiled with blood or bodily fluids, wear disposable latex gloves, gowns, masks, and eye coverings.

Cleaning Procedure: Thoroughly clean blood or bodily fluids from surfaces before applying "Formulation S-38-3".

Contact Time: To kill HIV-1, apply "Formulation S-38-3" at 9 mL per litre of water and allow surface to remain 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.

LONZA FORMULATION S-38-3 has been formulated to aid in the reduction of cross-contamination in institutions, schools and hospitals. LONZA FORMULATION S-38-3 is a one-step disinfectant cleaner that is effective against a broad spectrum of bacteria, is virucidal, fungicidal and will prevent the growth of mold and mildew and their odors when used as directed. LONZA FORMULATION S-38-3 is an effective one-step sanitizer-cleaner for use on non-food contact surfaces.

When used as directed, LONZA FORMULATION S-38-3 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 malodors.

PRECAUTIONARY STATEMENTS: KEEP OUT OF REACH OF CHILDREN. DANGER - CORROSIVE TO EYES. 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.

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. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product and the cleanup of spills contact the Provincial Regulatory Agency or the Manufacturer.

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.

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