

98/2003

LONZA

FORMULATION

S-38F

DISINFECTANT-CLEANER

SANITIZER-FUNGICIDE
MILDEWSTAT-VIRUCIDE*
DEODORIZER

with Organic Soil Tolerance For use in
Hospitals, Institutions Food Processing
and Industrial Environments

COMMERCIAL

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%

CAUTION

POISON

CORROSIVE

READ THE LABEL BEFORE USING

REGISTRATION NO. 23265

PEST CONTROL PRODUCTS ACT

DIN

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

LONZA FORMULATION S-38F has been formulated to aid in the reduction of cross-contamination in institutions, schools and hospitals. LONZA FORMULATION S-38F 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. When used as directed. LONZA FORMULATION S-38F 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.

DIRECTIONS FOR USE: LONZA FORMULATION S-38F is a proven "one-step" cleaner- disinfectant-sanitizer-fungicide-mildewstat-virucide in the presence of moderate amounts of organic soil.

Apply LONZA FORMULATION S-38F to walls, floors and other hard (inanimate) non-porous surfaces such as tables, chairs, countertops, sinks and bedframes with a cloth, or mop 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-38F is also virucidal, fungicidal. At 9 mL/L LONZA FORMULATION S-38F will disinfect hard non-porous surfaces in schools, industry and non-medical institutions. At this dilution, all surfaces on which this product is used and which come in contact with food, are to be rinsed with potable water. For hospitals and nursing homes, add 17 mL/L of water. The broad spectrum activity of LONZA FORMULATION S-38F 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	

SANITIZING - to sanitize pre-cleaned, non-porous food contact surfaces and utensils immerse in a 5 mL per 1 L (150 ppm) solution of S-38F for at least 60 seconds. Allow to air dry. Do not rinse. For equipment and utensils too large to sanitize by immersion, apply a 10 mL per 1 L solution of S-38F (300 ppm) by rinsing, squirting or swabbing until thoroughly wetted. Allow surface to drain and air dry. Do not rinse. Wash hands thoroughly with soap and water after handling.

AOAC Fungicidal Test: LONZA FORMULATION S-38F 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-38F 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-38F 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-38F 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-38F is an effective sanitizer against Staphylococcus aureus and Klebsiella pneumoniae in the presence of 5% serum on porous and 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-38F". Contact Time: To kill HIV-1, apply "Formulation S-38F" 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.

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. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

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. Triple or pressure-rinse the emptied container. Add the rinsings to treatment site.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
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, contact the Provincial Regulatory Agency or the Manufacturer. Contact the Manufacturer and the Provincial Regulatory Agency in case of a spill, and for clean-up of spills.

CONTAINS: Surfactant and sequestrant.

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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