

98/2003

LONZA

FORMULATION

70-12F

Highly concentrated Germicide Based
on a Unique Blend of
Quaternaries with Organic Soil
Load Tolerance

Disinfectant - Cleaner - Sanitizer
Fungicide - Mildewstat - Virucide*

Deodorizer for use in Hospitals
Institutional, Food Processing and
Industrial Environments

COMMERCIAL

GUARANTEE:

Alkyl (40% C12, 50% C14, 10% C16) Dimethyl	
Benzyl Ammonium Chloride	5.000%
Octyl Decyl Dimethyl Ammonium Chloride	3.750%
Dioctyl Dimethyl Ammonium Chloride	1.500%
Didecyl Dimethyl Ammonium Chloride	2.250%

DANGER

POISON CORROSIVE

READ THE LABEL BEFORE USING

REGISTRATION NO. 23259

PEST CONTROL PRODUCTS ACT

DIN NO.

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

Cross-contamination is of major housekeeping concern not only in hospitals, but in schools, institutions, and industry. LONZA FORMULATION 70-12F 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 from environmental surfaces. When used as directed, LONZA FORMULATION 70-12F will deodorize toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and will inhibit the growth of mold and mildew and their odors when used as directed.

DIRECTIONS FOR USE:

LONZA FORMULATION 70-12F is a proven "one-step" cleaner-disinfectant-sanitizer-fungicide-virucide in the presence of moderate amounts of organic soil.

Apply LONZA FORMULATION 70-12F to walls, floors and other hard (inanimate) non-porous surfaces such as tables, chairs, countertops, sinks, tile, porcelain, and bedframes with a cloth, 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 4 mL/L of water. Treated surfaces must remain wet for 10 minutes. At this use level. LONZA FORMULATION 70-12F is also virucidal and fungicidal. 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.

At 4 mL/L use level, the broad spectrum activity of LONZA FORMULATION 70-12F 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
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 1.5 mL per 1L (150 ppm) solution of 70-12F for at least 60 seconds. Allow to air dry. Do not rinse. For equipment and utensils too large to sanitize by immersion, apply a 3.0 mL per 1 L solution of 70-12F (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 70-12F is an effective against Trichophyton mentagrophytes (the athlete's foot fungus) when used on surfaces in areas such as locker rooms, shower and bath areas, exercise facilities, dressing rooms, etc.

Mildewstatic Performance*: at 4 mL/L LONZA FORMULATION 70-12F 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 4 mL/L use-level, LONZA FORMULATION 70-12F 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) and influenza A2 (the Hong Kong Flu Virus), on inanimate environmental surfaces.

Sanitizing: Non-Food Contact Surfaces (such as floors, walls, tables, etc.): at 5 mL/L use-level, LONZA FORMULATION 70-12F is an effective sanitizer agent in waters up to 600 ppm hardness 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 70-12F". Contact Time: To kill HIV-1, apply "Formulation 70-12F" at 4 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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