

Instructions: This is a specimen label. You may use this format in developing your own label. Substitute your product name every place you see "LONZA FORMULATION 70-12". On the center panel place your own company name and address where you see "Lonza Inc., etc." Substitute your own EPA File No. for our "6836-33" registration number.

Cross-contamination is of major housekeeping concern not only in hospitals but in schools, institutions and industry. **LONZA FORMULATION 70-12** 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 70-12** 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.

This product is economical to use because it is highly concentrated and should be handled with care.

**Precautionary Statements**

**Hazards to Humans and domestic animals**

**DANGER**

Keep out of reach of children. Corrosive. Causes severe 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.

**STORAGE AND DISPOSAL**

- DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL
- OPEN DUMPING IS PROHIBITED
- DO NOT REUSE EMPTY CONTAINER

**PESTICIDE DISPOSAL**

PESTICIDE, SPRAY MIXTURE OR RINSATE THAT CANNOT BE USED OR CHEMICALLY REPROCESSED SHOULD BE DISPOSED OF IN A LANDFILL APPROVED FOR PESTICIDES OR BURIED IN A SAFE PLACE AWAY FROM WATER SUPPLIES

**CONTAINER DISPOSAL**

TRIPLE RINSE (OR EQUIVALENT) AND DISPOSE IN AN INCINERATOR OR LANDFILL APPROVED FOR PESTICIDE CONTAINERS, OR BURY IN A SAFE PLACE

**GENERAL**

CONSULT FEDERAL, STATE OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES SUCH AS LIMITED OPEN BURNING

*B.I.K. Corporation  
2325-D Blomington Rd  
Blomington, IL 61710*

*FORMULATION 70-12*

**Highly Concentrated Germicide  
Based on a Unique Blend of Quaternaries  
with Organic Soil Load Tolerance**  
Disinfectant-Cleaner-Sanitizer-Fungicide  
Mildewstat-Virucide\*—Deodorizer for Hospitals  
Institutional and Industrial Use

**Active Ingredients**

|   |        |
|---|--------|
| Octyl Decyl Dimethyl Ammonium Chloride                                      | 3.750% |
| Dioctyl Dimethyl Ammonium Chloride  | 1.875% |
| Didecyl Dimethyl Ammonium Chloride  | 1.875% |
| Alkyl (C <sub>12</sub> , 50%, C <sub>11</sub> , 40%, C <sub>10</sub> , 10%) |        |
| Dimethyl Benzyl Ammonium Chloride   | 5.000% |

**Inert Ingredients**

87.500%  
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, as well as oxygen and measures to support breathing manually or mechanically may be needed. If persistent, convulsions may be controlled by the cautious intravenous injection of a short-acting barbiturate drug.

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Registration No. 6836-33  
EPA Establishment No. 6836-IL-1  
Net Contents

MANUFACTURED BY:  
**LONZA INC., 22-10 Route 208, Fair Lawn, N.J. 07410**

**Directions for Use**

**GENERAL CLASSIFICATION**

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

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

Apply **LONZA FORMULATION 70-12** to walls, floors and other hard (inanimate) non-porous surfaces such as tables, chairs, countertops, sinks 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.

**Disinfection**—to disinfect hard non-porous surfaces add 1/2 oz. per gallon of water. Treated surfaces must remain wet for 10 minutes. At this use-level **LONZA FORMULATION 70-12** is also virucidal and fungicidal.

**Sanitizing**—To sanitize porous or non-porous non-food-contact surfaces add 1/2 oz. per gallon of water.

1/2 oz. per gallon use-level. The broad spectrum activity of **LONZA FORMULATION 70-12** has been evaluated in the presence of 5% serum and found to be effective against the following 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

**AOAC Fungicidal Test**—**LONZA FORMULATION 70-12** is effective against Trichophyton mentagrophytes (the athlete's foot fungus) when used on surfaces in areas such as locker rooms, shower and bath areas, exercise areas, dressing rooms, etc.

**Mildewstatic Performance**—At 1/2 oz. per gallon **LONZA FORMULATION 70-12** 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 1/2 oz. per gallon use-level **LONZA FORMULATION 70-12** 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 A (the Hong Kong flu virus) on inanimate environmental surfaces.

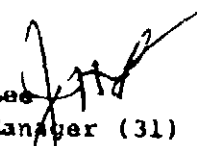
**Sanitizing-Non-Food Contact Surfaces (such as floors, walls, tables, etc.)**—At 1/2 oz. per 2 gallon use-level 30 second contact time **LONZA FORMULATION 70-12** is an effective sanitizing agent in waters of up to 600 ppm hardness against Staphylococcus aureus and Klebsiella pneumoniae in the presence of 5% serum on porous and non-porous environmental surfaces.

**ACCEPTED**  
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 676-354  
SEP 20 1982

3. The confirmatory data submitted for the above referenced product are acceptable and have been assigned the Accession Number 248005.
4. As per phone conversation between the Agency and James Provo on August 24, 1982, the following clarifications have been made to your Confidential Statement of Formula.
  - a. The EDTA is Chelon 100 from Stauffer.
  - b. The nonyl phenol polyethoxylates are Friten #101 and Poly-Tergent B-300 from Rohm and Hass and Olin Corp., respectively.
  - c. The linear secondary alcohol ethoxylates are Tergitol 15-S-3 and Tergitol 15-S-12 from Union Carbide.
  - d. The linear primary alcohol ethoxylates are Tergitol 25-L-9 and Tergitol 25-L-12 from Union Carbide.
  - e. Adjustment to the solvent system to read 55.845% (Block#19) in order that the total % equals 100.00%.
5. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

John H. Lee   
Product Manager (31)  
Disinfectants Branch  
Registration Division (TS-767C)

Enclosure

RECEIVED