

Instructions: This is a specimen label. You may use this format in developing your own label. Substitute your product's 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 EPA File No. for our "6836-33" registration number.

Cross-infection 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-infection 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 other places where bacterial growth can cause bad odors.

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

DANGER:

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.

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 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.

LONZA FORMULATION 70-12

Highly Concentrated Germicide
Based on a Unique Blend of Quaternaries
Cleaner--Disinfectant Deodorizer- Fungicide- Virucide*
for Hospital, Home and Institutional Use

AOAC Phenol Coefficients

Staph. aureus (ATCC No. 6538)	104.0
Salmonella typhosa (ATCC No. 6539)	40.6

Active Ingredients

Octyl Decyl Dimethyl Ammonium Chloride	3.750%
Diocetyl Dimethyl Ammonium Chloride	1.375%
Didecyl Dimethyl Ammonium Chloride	1.875%
Alkyl (C ₁₄ , 50%; C ₁₂ , 40%; C ₁₀ , 10%) Benzyl Dimethyl Ammonium Chloride	5.000%
Tetrasodium Ethylenediamine Tetraacetate	3.420%
Isopropyl Alcohol	3.000%
Ethyl Alcohol	1.000%

Inert Ingredients 80.080%

100.000%

EPA Registration No. 6836 33

Net Contents

LONZA INC.
22-10 Route 208 Fair Lawn, New Jersey 07410

DANGER

KEEP OUT OF REACH OF CHILDREN. SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND FIRST AID.

USE DIRECTIONS

Add 1/2 ounce (1 tablespoon) per gallon of water.

Apply LONZA FORMULATION 70-12 to walls, floors, and other hard surfaces such as tables, chairs, and bed frames with a cloth or mop. For heavily soiled areas, a preliminary cleaning may be required.

At 1/2 ounce (1 tablespoon) per gallon use level, LONZA FORMULATION 70-12 is effective against *Pseudomonas aeruginosa*, *Staphylococcus aureus*, *Salmonella choleraesuis*, and *Trichophyton interdigitale*, the athlete's foot fungus. Germicidal performance against the first three organisms has been confirmed by the AOAC Use-Dilution test. Fungicidal performance against *T. interdigitale* was determined by the AOAC Fungicidal test.

The broad spectrum effectiveness of FORMULATION 70 12 is shown by its germicidal action against the following additional organisms:

- Escherichia coli*
- Klebsiella pneumoniae*
- Aerobacter aerogenes* (enterobacter)
- Salmonella schottmulleri*
- Streptococcus faecalis*
- Shigella dysenteriae*
- Brevibacterium ammoniagenes*

At 1/2 ounce (1 tablespoon) per gallon use level, LONZA DISINFECTANT CLEANER 70-12 is virucidal against Herpes Simplex (a member of the herpes family that causes infectious mononucleosis, Vaccinia (representative of the pox viruses), and Influenza A, as represented by the strains commonly called the Hong Kong Flu and the London Flu, and is effective on environmental surfaces.

For use on floors, dilute with water before disinfecting.

