

6836-141

6/24/2005

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**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER.** Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles, safety glasses or face shield), protective clothing and protective gloves (rubber or chemical resistant) when handling. Harmful if swallowed. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

**FIRST AID**

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

*(If container size is 1 gallon or less, the following storage and disposal statements will be used:)*

**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  
WITH ORGANIC SOIL TOLERANCE  
FOR HOSPITALS, INSTITUTIONAL AND INDUSTRIAL USE

Active Ingredients

Octyl decyl dimethyl ammonium chloride .....	3.750%
Diocetyl dimethyl ammonium chloride .....	1.500%
Didecyl dimethyl ammonium chloride .....	2.250%
Alkyl (C <sub>14</sub> , 50%; C <sub>12</sub> , 40%; C <sub>16</sub> , 10%) dimethyl benzyl ammonium chloride .....	5.000%
Other Ingredients .....	87.500%
TOTAL INGREDIENTS .....	100.000%

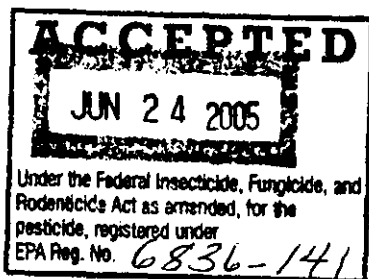
**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

See (left) (right) (back) (side) panel for Precautionary  
Statements and First Aid

EPA Registration No. 6836-141  
EPA Establishment No. \_\_\_\_\_  
Net Contents

Manufactured by:  
Lonza Inc.  
90 Boroline Road  
Allendale, NJ 07401



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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 nonporous surface disinfecting action will reduce the hazard of cross-contamination from environmental surfaces.

**LONZA FORMULATION 70-12F** is an effective one-step sanitizer-cleaner for use on food contact, as well as non-food contact surfaces.

When used as directed, **LONZA FORMULATION 70-12F** will deodorize surfaces in 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**

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

**LONZA FORMULATION 70-12F** is a proven one-step cleaner-disinfectant-sanitizer-fungicide-mildewstat-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 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. Allow surfaces to air dry or wipe excess liquid with a cloth, sponge or mop.

At this use-level, **LONZA FORMULATION 70-12F** is also virucidal and fungicidal.

Rinse all surfaces that come in contact with food such as countertops, tables and stovetops with potable water before reuse. Do not use on utensils, glassware and dishes as a disinfectant.

The broad spectrum activity of **LONZA FORMULATION 70-12F** has been evaluated at 1/2 oz. per gallon in the presence of 5% serum and found to be effective against the following by the AOAC Use-Dilution test:

- Pseudomonas aeruginosa
- Salmonella schottmuelleri
- Staphylococcus aureus
- Streptococcus faecalis
- Salmonella choleraesuis
- Shigella dysenteriae
- Escherichia coli (E. coli)
- Klebsiella pneumoniae
- Pseudomonas cepacia
- Enterobacter aerogenes
- Brevibacterium ammoniagenes

Lonza Formulation 70-12F  
EPA Reg. No. 6836-141  
EPA DRAFT LABEL DATED 3-24-05

**VIRUCIDAL PERFORMANCE\***. At 1/2 oz. per gallon use-level, **LONZA FORMULATION 70-12F** was evaluated in the presence of 5% serum and found to be effective against the following viruses found on inanimate hard, non-porous environmental surfaces:

- Influenza A<sub>2</sub>/Hong Kong
- Herpes Simplex Type 1 and Type 2
- Vaccinia

**AOAC FUNGICIDAL TEST: LONZA FORMULATION 70-12F** 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.

**MILDEWSTATIC PERFORMANCE:** At 1/2 oz. per gallon, **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. Repeat (weekly) (every 7 days) or more often if mildew growth returns.

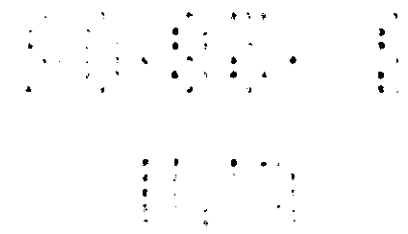
**SANITIZING FOOD CONTACT SURFACES:** At 1/3 oz. per 2 gallons water, use **LONZA FORMULATION 70-12F** for sanitizing and cleaning of equipment and utensils in food processing, dairy industry, bars, restaurants, institutional kitchens, meat and poultry processing plants and farms. Do not rinse with water. For heavily soiled equipment or utensils, pre-wash with **LONZA FORMULATION 70-12F**. Rinse with clean water, then apply recommended dilution of **LONZA FORMULATION 70-12F** with a cloth, mechanical spray device (spray surface until thoroughly wetted) or immersion. Treated surfaces must remain wet for one minute. Prepare a fresh solution for every use. DO NOT reuse mechanically applied use solution for sanitizing. **LONZA FORMULATION 70-12F** can be used in accordance with the U.S. Public Health Service food service sanitation recommendation.

*(Note to reviewer: Only One of the following two statements will be used.)*

This product is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. *(Optional sentence: This product may be used to preclean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.)*

or

This product is not for use on medical device surfaces.



**U.S. PUBLIC HEALTH SERVICE FOOD SERVICE  
SANITIZATION RECOMMENDATIONS**

**CLEANING AND SANITIZING:** Equipment and utensils shall be thoroughly pre-flushed or pre-scraped and when necessary, pre-soaked to remove gross food particles and soil.

1. Thoroughly wash equipment and utensils in a hot detergent solution.
2. Rinse utensils and equipment thoroughly with clean water.
3. Sanitize equipment and utensils by immersion in a 1/3 oz. per 2 gallon solution of **LONZA FORMULATION 70-12F** (150 ppm active) for at least 60 seconds at a temperature of 75°F.
4. For equipment and utensils too large to sanitize by immersion, apply a 1/3 oz. per 2 gallon solution of **LONZA FORMULATION 70-12F** (150 ppm active) by rinsing, spraying or swabbing until thoroughly wetted.
5. Allow sanitized surface to drain and air dry. Do not rinse.

Wash thoroughly with soap and water after handling.

**SANITIZING NON-FOOD CONTACT SURFACES:**

(such as floors, walls, tables)

At 1/3 oz. per 2 gallons of water, **LONZA FORMULATION 70-12F** is an effective sanitizing agent against *Staphylococcus aureus* and *Klebsiella pneumoniae* in the presence of 5% serum on porous and nonporous non-food contact environmental surfaces.

Apply use solution with a mop, cloth or coarse mechanical sprayer so as to thoroughly wet surfaces. Treated surfaces must remain wet for 30 seconds. Allow surfaces to air dry or wipe excess liquid with a cloth, sponge or mop.

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(If container is one gallon or less, use this container disposal statement.)

**STORAGE AND DISPOSAL**

Store in original container in areas inaccessible to children. Do not store on side. Do not reuse empty container (bottle, can, bucket). Wrap container and discard in trash or recycle.

(Note to reviewer: If container is greater than one gallon, the following storage and disposal statements will be used.)

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage disposal.

**Pesticide Storage**

Store in original container in areas inaccessible to children. Do not store on side. Avoid creasing or impacting of side walls.

**Pesticide Disposal**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray or mixture of rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container Disposal**

(Plastic containers:) Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.  
(Metal Containers:) Triple rinse (or equivalent), then offer for recycling or reconditioning, or dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

