

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAR 29 1994

Lonza Inc.
17-17 Route 208
Fair Lawn, NJ 07410

Attn: John P. Pazdera

Subject: Lonza Disinfectant Cleaner 47-5
EPA Registration No. 6836-27
Amendment dated June 7, 1993

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, to change the use dilution and to add additional claims on the label, is acceptable, provided that you:

1. Make the following changes below before you release the product for shipment bearing the amended labeling.

a. On the third paragraph of the left panel, expand and revise the wordings "... and Influenza A2 on environmental surfaces..." to read "... and is virucidal* against Herpes simplex Type I, Vaccinia virus, Influenza A₂ (the Hong Kong Flu and the London Flu viruses) on inanimate environmental surfaces".

b. On the right panel, under the directions for use, the label claim directions for "Kitchen areas", "Bathroom" and "Extra Tough Jobs" are not considered to be human health-related but are considered non-pesticidal uses. Therefore, the use directions for these claims must be repositioned and listed on page 2 of your label after the last use directions and after "Sanitizing Non-food contact surfaces."

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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

If you have any questions concerning this letter, please contact Martha Terry at (703) 305-6982.

Sincerely,



Marshall Swindell
Acting Product Manager 31
Antimicrobial Program Branch
Registration Division H7505C

Enclosure

LONZA DISINFECTANT CLEANER 47-5 is a disinfectant/cleaner that is especially designed for schools, homes, non-medical institutions and industry. A single application removes moderate amounts of dirt and grime, disinfects and is virucidal. When used as directed, the hard surface disinfecting action of LONZA DISINFECTANT CLEANER 47-5 will reduce the hazard of cross-contamination. LONZA DISINFECTANT CLEANER 47-5 is an extremely effective one-step sanitizer for non-food contact surfaces. It cleans and sanitizes in waters up to 550 ppm hardness. This hard water tolerance is in excess of most potable waters and will insure complete sanitizing action when used as directed.

LONZA DISINFECTANT CLEANER 47-5 cleans, deodorizes, disinfects, kills common household germs such as Staphylococcus aureus, Salmonella choleraesuis, kills Trichophyton mentagrophytes, the fungus causing athlete's foot, and Influenza Virus A2 on environmental surfaces. Prevents the growth of odor causing bacteria.

When used as directed, LONZA DISINFECTANT CLEANER 47-5 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 mal odors. Also, this product will inhibit the growth of mold and mildew and their odors when used as directed.

**PRECAUTIONARY STATEMENTS
HAZARDOUS TO HUMANS AND
DOMESTIC ANIMALS**

WARNING

KEEP OUT OF REACH OF CHILDREN. Causes eye and skin irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed. Avoid contamination of food.

STORAGE AND DISPOSAL

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

**LONZA DISINFECTANT
CLEANER (47-5)**

Disinfectant-Cleaner-Sanitizer-Fungicide
Mildewstat-Virucide-Deodorizer
with Organic Soil Tolerance for
Schools, Industry and Non-Medical Institutions

Active Ingredient

Didecyl dimethyl ammonium chloride 2.5%

Inert Ingredients

97.5%
100.0%

KEEP OUT OF REACH OF CHILDREN

WARNING

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.

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Registration No. 6836-27
EPA Establishment No. 6836-IL-1
Net Contents

Manufactured by:
LONZA INC., 17-17 Route 208, Fair Lawn, N.J. 07410

**ACCEPTED
with COMMENTS
in EPA Letter Dated**

MAR 29 1994

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
6836-27

BEST AVAILABLE COPY

Triple rinse or recycling or re-use of in a sanitary allowed by state. If burned, stay Metal Container: offer for recycling in a sanitary approved by state container is on disposal states. Do not reuse em Wrap container a

It is a violation in a manner incor

LONZA DISINFECTANT step cleaner virucide-mildew moderate amounts

Apply LONZA DISINFECTANT on floors and other surfaces, such as and bedframes w device so as heavily soiled required. Prep use solution

DISINFECTION-to add 2-1/2 oz. Treated surfaces this use-level, also virucidal a

FLOORS, WALLS: walls, and other cup) to a gallon

KITCHEN AREAS: of water to drainboards, st (1/2 cup) down

Rinse all food potable water be

BATHROOM: To sinks and storage gallon of water water or full s surfaces.

EXTRA TOUGH JOE gloves to protect

SANITIZING-To a food contact su water.

2.5 OZ. (1/3 CUP) spectrum of LONZA evaluated in the effective against AQAC Use-Dilutio

Escherichia c Salmonella ch Strahylococcu

AOAC FUNGICIDAL TEST

LONZA DISINFECTANT CLEANER 47-5 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.

MOLD AND MILDEW CONTROL. At 2-1/2 oz. (1/3 cup) per gallon, **LONZA DISINFECTANT CLEANER 47-5** 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 2 oz. (1/4 cup) per gallon use-level, **LONZA DISINFECTANT CLEANER 47-5** 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 and the London Flu Viruses) on inanimate environmental surfaces.

SANITIZING NON-FOOD CONTACT SURFACES (such as floors, walls, tables, etc.) At 3/4 oz. per gallon use-level, 30 second contact time, **LONZA DISINFECTANT CLEANER 47-5** is an effective sanitizing agent in waters of up to 550 ppm hardness against *Staphylococcus aureus* and *Klebsiella pneumoniae* in the presence of 5% serum on hard porous and non-porous environmental surfaces.

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