

6836-28

09-09-1990

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BEST DOCUMENT AVAILABLE

09 SEP 1980

Lonza Inc.
22-10 Route 208
Fairlawn, NJ 07410

Attention: Irving Gottlieb
Manager Governmental Relations

Gentlemen:

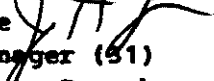
Subject: Lonza Disinfectant Cleaner 19-a
EPA Registration No. 6836-28
Application Date: August 6, 1980

The labeling for the application referred to above, submitted in connection with your application for amended registration under Section 3(c)(7)(A) to the Federal Insecticide, Fungicide and Rodenticide Act, as amended (FIFRA), is acceptable since you have agreed that you will submit and/or cite all data required for registration/reregistration of your product under FIFRA Section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

If the conditions of this amendment are not complied with, the registration will be subject to cancellation in accordance with Section 6(e) of the Act.

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

Sincerely,

John H. Lee 
Product Manager (51)
Disinfectants Branch
Registration Division (TS-767)

Enclosure

TS-767:J.H.LEE:lra:RAVEN:347-9625:DCR#16928:8/18/80

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 DISINFECTANT CLEANER 19-a". On the center panel place your own company name and address where you see "Lonza, Inc. . . . etc." Substitute your EPA File No. for our "6836-28" registration number.

Cross-contamination is of major housekeeping concern not only in hospitals, but in schools, institutions, and industry. **LONZA DISINFECTANT-CLEANER 19-a** 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.

LONZA DISINFECTANT-CLEANER 19-a is an extremely effective one-step sanitizer for non-food contact surfaces. It cleans and sanitizes in waters up to 850 ppm hardness. This hard water tolerance is in excess of most potable waters and will insure complete sanitizing action when used as directed.

Two ounces of **LONZA DISINFECTANT-CLEANER 19-a** per gallon of water will deodorize surfaces in bathrooms, garbage storage areas, and other areas where bacterial growth can cause mal odors. Prevents odor caused by mold and mildew.

Precautionary Statements

Hazards to Humans and domestic animals

WARNING

Keep out of reach of children. May cause severe eye irritation or eye damage. Causes skin irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed. Avoid contamination of food.

STORAGE AND DISPOSAL

THIS PRODUCT MUST BE KEPT UNDER LOCKED STORAGE SUFFICIENT TO MAKE IT INACCESSIBLE TO CHILDREN OR PERSONS UNFAMILIAR WITH ITS PROPER USE.

- 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.

LONZA DISINFECTANT CLEANER (19-a)

Cleaner-Disinfectant-Deodorizer-
Fungicide-Virucide*
Sanitizer with Organic Soil Tolerance for
Hospital, Institutional and Industrial Use

Active Ingredients

Didecyl dimethyl ammonium chloride	4.5%
Tetrasodium ethylenediamine tetraacetate	1.9%
Sodium carbonate	1.0%
Sodium metasilicate, anhydrous	0.5%

Inert Ingredients

92.1%
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 water, egg whites, gelatin solution. Avoid alcohol.

Call a physician immediately.

ACCEPTED
SEE LEFT PANEL FOR

ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Registration No. SEP 09 1980 6836-28
EPA Establishment No. 6836-IL-1
Net Contents

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 6836-28
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 DISINFECTANT CLEANER 19-a is a proven "one-step" cleaner-disinfectant-sanitizer-fungicide-virucide in the presence of moderate amounts of organic soil.

Apply **LONZA DISINFECTANT CLEANER 19-a** 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 hospital surfaces, add 2½ oz. per gallon of water. Treated surfaces must remain wet for 10 minutes. At this use-level, **LONZA DISINFECTANT CLEANER 19-a** is also virucidal and fungicidal. At 1¼ oz. per gallon, **LONZA DISINFECTANT CLEANER 19-a** will disinfect hard non-porous surfaces in schools, industry and non-medical institutions.

Sanitizing — To sanitize porous or non-porous, non-food contact surfaces, add 1 oz. per 2¼ gallons of water. Treated surfaces must remain wet for 30 seconds.

For hospitals and nursing homes, add 2.5 oz. per gallon of water. The broad spectrum activity of **LONZA DISINFECTANT CLEANER 19-a** 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
Streptococcus pyogenes
Proteus mirabilis
Klebsiella pneumoniae
Enterobacter aerogenes
Salmonella schottmuelleri
Streptococcus faecalis
Shigella dysenteriae
Brevibacterium ammoniagenes

AOAC Fungicidal Test

LONZA DISINFECTANT CLEANER 19-a 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.

Virucidal Performance

At 2 oz. per gallon use-level, **LONZA DISINFECTANT CLEANER 19-a** 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), Adenovirus Type 5 (a causative virus in respiratory diseases, and Influenza A₂ as represented by the strains commonly called the Hong Kong Flu and the London Flu Virus, on inanimate environmental surfaces.

For schools, non-medical institutional and industrial uses: At 1¼ oz. per gallon of water, **LONZA DISINFECTANT CLEANER 19-a** delivers excellent cleaning and germicidal effectiveness. It is effective against *Staphylococcus aureus*, *Salmonella choleraesuis* and *Escherichia coli*. The same AOAC tests used above to confirm suitable performance for hospitals were used.

Sanitizing-Non-Food Contact Surfaces (such as walls, floors, tables, etc.). At 1 oz./2¼ gallon use-level, **LONZA DISINFECTANT CLEANER 19-a** is an effective sanitizer in waters of up to 850 ppm hardness against *Staphylococcus aureus* and *Klebsiella pneumoniae* in the presence of 5% serum on hard porous and non-porous environmental surfaces.