

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUN 28 1995

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

Attention: Eliot I. Harrison
Agent for Lonza

Subject: Lonza Formulation P-39
EPA Registration No. 6836-177
MOU Compliance Amendment dated January 25, 1995

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable.

The labeling submitted in compliance with PR-Notice 94-4 is acceptable. A stamped copy is enclosed for your records. Submit one (1) copy of the final printed label prior to release of the product for shipment.

If you have any questions concerning this letter, please contact Wanda Mitchell at (703) 305-6141.

Sincerely,



Ruth E. Douglas
Product Manager (32)
Antimicrobial Program Branch
Registration Division (7505C)

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

THIS DISINFECTANT reduces the surface tension of water, improving its wettability. Microbes are capable of mass reproduction in sub-visible pores, scratches and cracks of surfaces. The exceptional wettability of THIS PRODUCT improves the penetration of the use solution into areas that otherwise might not be reached.

THIS DISINFECTANT is effective against a wide variety of gram-positive and gram-negative bacteria. It is also an excellent deodorant and is especially effective in controlling odors that are bacterial in origin.

THIS DISINFECTANT mixes with water to form clear, stable use solutions. Use solutions are non-corrosive and non-staining to plastic, vinyl, synthetics, enamel, tile and most common metals. Has a pleasant pine odor.

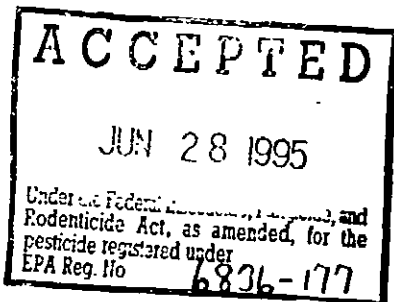
**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND
DOMESTIC ANIMALS**

DANGER

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 if swallowed. Avoid contamination of food.

ENVIRONMENTAL HAZARDS: This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

PHYSICAL OR CHEMICAL HAZARDS: Do not use or store near heat or open flame.



LONZA FORMULATION P-39

PINE ODOR-DISINFECTANT-CLEANER-DEODORANT

FOR INDUSTRIAL, COMMERCIAL OR MEDICAL USE ONLY

*Kills Pseudomonas, Salmonella and Staphylococcus
**Virucidal

ACTIVE INGREDIENTS:

Pine oil	23.81%
Alkyl (C ₁₄ , 58%; C ₁₆ , 28%; C ₁₂ , 14%) dimethyl benzyl ammonium chloride	11.90%

INERT INGREDIENTS:

64.29%

TOTAL INGREDIENTS:

100.00%

* This disinfectant is effective at 1 oz./gal. (1 part to 127 parts water) against Pseudomonas aeruginosa PRD-10, Salmonella choleraesuis ATCC 10708, and Staphylococcus aureus ATCC 6538 when tested by the A.O.A.C. Use Dilution Test Method for precleaned, hard non-porous surfaces.

** This disinfectant is also an effective virucide at 1 oz./gal. for Influenza virus, Type A, Brazil on inanimate environmental surfaces. This product may be used for cleaning and deodorizing, one-step cleaning and disinfection, or disinfection of precleaned, non-porous, inanimate hard surfaces.

KEEP OUT OF REACH OF CHILDREN

DANGER

(See additional precautions on side panel)

PRACTICAL TREATMENT (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, raw egg whites, gelatin solution or, if these are not readily available, drink a large quantity of water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory depression and convulsion may be needed.

EPA Registration No.	6836-177
EPA Establishment No.	6836-IL-1
Net Contents	1 U.S. Gallon

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

DIRECTIONS FOR USE

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

APPLICATION INFORMATION

Select the proper dilution of THIS PRODUCT for your use from the directions below. Apply the use solution with a clean mop, sponge, cloth, squeegee, or mechanical scrubber.

Prepare fresh use solutions daily. Do not reuse solutions. Discard solutions when they become visibly soiled. For disinfection, thoroughly wet the surfaces to be treated. Surfaces must remain moist for at least 10 minutes to assure proper germicidal action.

This product may be used for cleaning and disinfecting hard, non-porous, inanimate environmental surfaces (glass, metal, glazed porcelain, linoleum, tile, smooth leather, vinyl, enameled and finished wood surfaces) on walls, floors, appliances and furnishings.

CLEANING

To Clean and Deodorize or to Preclean Prior to Disinfection. Depending on the soil level of the area to be cleaned, use 1 to 2 oz. of THIS PRODUCT per gallon of water.

DISINFECTING

Hospitals, Veterinary Clinics, Nursing Homes: Use 1 1/4 oz. of THIS PRODUCT per gallon of water (1 part to 100 parts water) for one-step cleaning and disinfection of areas with light to medium soil loads. For heavily soiled areas, preclean as described above and then disinfect with THIS PRODUCT at 1 oz. per gallon (1 part to 127 parts water).

Schools, Industrial areas, Homes, Barber Shops, Restrooms, Restaurants, Food and Meat Processing Plants (non-food processing areas), Public rooms, Other Non-Medical uses: Preclean surfaces. Then, disinfect with a solution of 1 1/3 oz. of THIS PRODUCT in 2 gallons of water (1 part to 190 parts water). Alternatively, clean and disinfect in one operation using 1 1/4 oz. of THIS PRODUCT per gallon of water (1 part in 100 parts water).

For deodorizing garbage cans, garbage trucks, Industrial waste receptacles and garbage handling equipment, it is especially important to preclean for the product to perform properly. Then, apply a wetting concentration of 1 1/2 to 3 oz. of THIS PRODUCT per 2 gallons of water.

Mildew Control: Follow directions for hospital disinfection. Repeat treatment every seven days, or when new growth appears.

THIS PRODUCT may be used through automatic floor scrubbing equipment.

THIS DISINFECTANT has not been tested for effectiveness against *Mycobacterium tuberculosis* and must not be relied upon when tuberculocidal activity is intended.

THIS PRODUCT must not be used on food contact surfaces.

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. This product may be used to preclean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

DISPOSAL: Do not reuse empty container. Wrap and put in trash collection.

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3