

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-13
EPA Registration No. 6836-168
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, will be acceptable provided that you make the labeling changes listed below before you release the product for shipment bearing the amended label.

1. Revise the statement, "FOR INDUSTRIAL, COMMERCIAL OR MEDICAL USE ONLY" to read, "FOR USE IN INDUSTRIAL, COMMERCIAL OR MEDICAL AREAS ONLY".

A stamped copy of your labeling is enclosed for your records. Submit five (5) copies 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 G. Douglas
Product Manager (32)
Antimicrobial Program Branch
Registration Division (7505C)

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

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. Harmful if swallowed. Avoid contamination of food. Wear goggles or face mask and rubber gloves when handling.

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.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUN 28 1995

Use of this product as a disinfectant,
Fungicide and rodenticide Act as
amended, for the pesticide
EPA Reg. No.

6836-168

**LONZA FORMULATION P-13
PINE ODOR-DISINFECTANT-CLEANER-DEODORANT**

FOR INDUSTRIAL, COMMERCIAL OR MEDICAL USE ONLY

*Kills Pseudomonas, Salmonella and Staphylococcus

**Kills Influenza and Herpes Viruses

ACTIVE INGREDIENTS:

Pine oil	7.90%
Alkyl (C ₁₄ , 58%; C ₁₆ , 28%; C ₁₂ , 14%) dimethyl benzyl ammonium chloride	3.95%

INERT INGREDIENTS:

88.15%

TOTAL INGREDIENTS:

100.00%

* This disinfectant is effective at 3 oz./gal. against Pseudomonas aeruginosa PRD-10, Salmonella choleraesuis ATCC 10798, and Staphylococcus aureus ATCC 6538 when tested by the A.O.A.C. Use Dilution Test Method for pre-cleaned, hard non-porous surfaces.

** This disinfectant is also an effective virucide at 3 oz./gal. for Influenza virus, Type A, Brazil and Herpes Simplex Type 2 on inanimate environmental surfaces.

This product may be used for cleaning and deodorizing, one-step cleaning and disinfection, or disinfection of pre-cleaned, 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.

<u>EPA Registration No.</u>	6836-168
<u>EPA Establishment No.</u>	6836-IL-1
<u>Net Contents</u>	

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

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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 Pre-clean Prior to Disinfection. Depending on the soil level of the area to be cleaned, use 2 to 6 oz. of THIS PRODUCT per gallon of water.

DISINFECTING

Hospitals, Veterinary Clinics, Nursing Homes: Use 3 3/4 oz. of THIS PRODUCT per gallon of water (1 part to 32 parts water) for one-step cleaning and disinfection of areas with light to medium soil loads. For heavily soiled areas, pre-clean as described above and then disinfect with THIS PRODUCT at 3 oz. per gallon (1 part to 41 parts water).

Industrial areas, Barber Shops, Restrooms, Restaurants, Food and Meat Processing Plants (non-food processing areas), Other Non-Medical uses: Pre-clean surfaces. Then, disinfect with a solution of 2 oz. of THIS PRODUCT in a gallon of water (1 part to 63 parts water). Alternatively, clean and disinfect in one operation using 3 3/4 oz. of THIS PRODUCT per gallon of water (1 part in 33 parts water)..

For deodorizing garbage cans, garbage trucks, industrial waste receptacles and garbage handling equipment, it is especially important to pre-clean for the product to perform properly. Then, apply a wetting concentration of 8 oz. of THIS PRODUCT per gallon 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 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 pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

STORAGE AND DISPOSAL: Store only in tightly closed, original container in secure area inaccessible to children and away from food or feed.

Do not reuse empty container. Triple rinse before discarding in trash.

5/22/91