

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUN 21 1995

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

Attention: Eliot I. Harrison
Agent for Lonza

Subject: Lonza Formulation L-38
EPA Registration No. 6836-179
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 change listed below before you release the product for shipment bearing the amended label.

1. Revise the wording "Herpes Simples" to read "Herpes simplex".

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,



Marion J. Johnson, Jr.
Product Manager (31)
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 excellent 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. Has a pleasant lemon odor.

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.

PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS AND
DOMESTIC ANIMALS

DANGER

Keep Out of Reach of Children. Corrosive. Causes 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

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.

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.

CONTAINER DISPOSAL

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 container: 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.

(If container is 1 gallon or less, use this container disposal statement.)

Do not reuse empty container (bottle, can, bucket). Wrap container and put in trash.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUN 21 1995

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

6836-179

LONZA FORMULATION L-38

LEMON ODOR-DISINFECTANT-CLEANER-DEODORANT

- * Kills Pseudomonas, Salmonella and Staphylococcus
- ** Virucidal

ACTIVE INGREDIENTS:

Alkyl (C₁₄, 58%; C₁₆, 28%; C₁₂, 14%)
dimethyl benzyl ammonium chloride 10.00%

INERT INGREDIENTS:

90.00%

TOTAL INGREDIENTS:

100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

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.

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

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Registration No.

6836-179

EPA Establishment No.

Net Contents

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.

Apply the use solution with a clean mop, sponge, cloth, squeegee, mechanical scrubber or mechanical spraying device. Prepare fresh solutions daily. Do not reuse solutions. Discard solutions when they become visibly soiled.

For Disinfection - thoroughly wet 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 deodorizing, one-step cleaning, and disinfection or as a disinfectant of pre-cleaned, hard, non-porous, inanimate environmental surfaces such as glass, metal, glazed porcelain, linoleum, tile, smooth leather, vinyl and enamel and finished wood surfaces. Apply this product to walls, floors, appliances and furnishings. This product may be used through automatic floor scrubbing equipment. This product must not be used on food contact surfaces.

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 4 oz. of THIS PRODUCT per gallon of water.

DISINFECTING

Hospitals, Veterinary Clinics, Nursing Homes: Use 2 oz. of THIS PRODUCT per 1.5 gallons of water (1 part to 99 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 1 oz. per gallon.

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 1 oz. THIS PRODUCT in 1 2/3 gallons of water (1 part to 220 parts water). Alternatively, clean and disinfect in one operation using 2 oz. of THIS PRODUCT per 1 1/2 gallons of water (1 part to 99 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 3 oz. of THIS PRODUCT per gallon of water (1 part to 41 parts water).

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

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.

* This disinfectant is effective at 1 oz./gal. (1/128) 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 pre-cleaned, hard non-porous, inanimate environmental surfaces.

** This disinfectant is also an effective virucide at 1 oz./gal. for influenza virus, Type A, Brazil on inanimate environmental surfaces. When applied as directed to pre-cleaned hard, non-porous surfaces, this disinfectant also kills the following organisms at 1 oz. per gal.: *Candida albicans*, *Escherichia coli*, *Streptococcus pyogenes*, *Enterobacter aerogenes*, *Shigella sonnei* and Herpes Simplex Type 2.