

MAR 03 1993

Lonza, Inc.
17-17 Route 208
Fair Lawn, New Jersey 07410

Attention: John P. Pazdera

Gentlemen:

Subject: Bio-Guard L-7 Disinfectant
EPA Registration Number 6836-165
Your Submission Dated September 29, 1992
EPA Received Date September 29, 1992


The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, to approve a change in the signal word, is acceptable.

The correct signal word for this product is "Warning".

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

If you have any questions concerning this letter, please contact Karen M. Leavy at (703)-305-6966.

Sincerely yours,

John H. Lee 
Product Manager-31
Antimicrobial Programs Branch
Registration Division (H7505-C)

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

Lonza Formulation L-7 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.

Lonza Formulation L-7 is effective against a wide variety of gram-positive and gram-negative bacteria. It is also an excellent fungicide and is especially effective in controlling odors that are bacterial in origin. Use a pleasant odor.

Lonza Formulation L-7 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.

Lonza Formulation L-7 is a beloved formulation combining Lonza's true color master, active, a non-toxic synthetic detergent, a quaternary ammonium compound, organic chelating agents and synergizing builders... for effective one-step cleaning, disinfecting and deodorizing of odors when used as directed.

Lonza Formulation L-7 is intended primarily as a heavy duty cleanser where disinfection and true odor neutralization are also indicated. It is unsuitable for washing hard non-porous surfaces such as porcelain, tile, glass, stainless steel, chrome, rubber, plastic, metal, and does not damage washable painted, varnished or lacquered surfaces. It can be used on non-porous surfaces such as walls, tables, floors, chairs, counter tops, bathroom fixtures, sinks, bed rooms, shelves, racks, carts, refrigerators, and other similar surfaces. Because Lonza Formulation L-7 rinses spot-free, it is particularly suitable for linens, rubber sealed cock, vinyl and asphalt tile floors. It has superior rinsing qualities and is an excellent cleanser for marble or terrazzo floors. Lonza Formulation L-7 is recommended for use on creosote fluming.

Areas of Use: Hospitals, nursing homes, other health-care facilities, schools, colleges, veterinary clinics, animal life sciences laboratories, industrial facilities, food processing facilities and other food processing plants, dry-cleaning offices, buildings, recreational facilities, retail and wholesale establishments. When used as directed, this product 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 occur.

LONZA FORMULATION L-7

LIQUOR-GRADE DISINFECTANT-DEODORIZANT-ODOR NEUTRALIZANT-CLEANSER

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

ACTIVE INGREDIENTS:

Allyl (C₁₂) 50% C₁₈ 20% C₁₄ 14%
Dimethyl benzyl Ammonium Chloride 2.00%

OTHER INGREDIENTS: 98.00%

NET WEIGHT: 100.00%

KEEP OUT OF REACH OF CHILDREN

WARNING

AVOIDANCE:
SI NO RABE INGRESO, PETA INSTRUCCIONES A SU SUPERVISOR
AVOID DE USER WITH PRODUCTO

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. 5436-103

EPA Establishment No.

ACCEPTED
with COMMENTS
to EPA Letter Dated

MAR 03 1983

Net Contents

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended for the pesticide

6836-103
Manufactured by:
LONZA INC., 17-17 Route 200, Fair Lawn, NJ 07410

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

WARNING

Keep Out of Reach of Children. Causes eye damage and skin irritation. Do not get in eyes, on skin, or on clothing. Wear rubber gloves when handling. Careful of fumes if swallowed. Avoid contamination of food.

STORAGE AND DISPOSAL

- Do not contaminate water, food, or feed by storage or disposal.
- Do not store on side walls.
- Avoid creosote or impinging of side walls.

HAZARDOUS WASTE

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 one gallon or less, use this container disposal statement.)
Do not reuse empty container (bottle, can, bucket). Wrap container and put in trash.

DILUTION 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 (vacuum spray) spraying device. Prepare fresh solutions daily. Do not reuse solutions. Discard solutions when they become visibly soiled. Do not mix with other chemicals or products including acidic soaps and detergents. Avoid and do not breathe spray mist.

For Disinfection - thoroughly wet surfaces to be treated. Surfaces must remain wet for at least 10 minutes to ensure proper germicidal action. Lonza Formulation L-7 may be used for cleaning and deodorizing, one-step cleaning, and disinfection of a disinfectant of pre-cleaned, hard, non-porous, inanimate environmental surfaces such as glass, metal, glazed porcelain, linoleum, tile, smooth leather, vinyl and enamel finished wood surfaces. Apply this product to walls, floors, appliances and furnishings. Lonza Formulation L-7 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 12-18 oz. of Lonza Formulation L-7 per gallon of water-hot or cold.

DISINFECTION

Hospitals, Veterinary Clinics, Nursing Homes: Use 18 oz. of Lonza Formulation L-7 per 1 1/2 gallons of water (1 part to 18 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 Lonza Formulation L-7 at 3 oz. per gallon (1 part to 24 parts water).

Industrial areas, Barber Shops, Restaurants, Restaurants, Food and Meat Processing Plants (non- food processing areas), Other Non-Food/Non-meat processing surfaces. Then, disinfect with a solution of 4 oz. of Lonza Formulation L-7 in 1 1/2 gallons of water (1 part to 41 parts water). Alternatively, clean and disinfect in one operation using 18 oz. of Lonza Formulation L-7 per 1 1/2 gallons of water (1 part to 18 parts water).

For deodorizing garbage cans, garbage trucks, industrial waste receptacles and garbage handling equipment. It is especially important to pre-clean for this product to perform properly. Then, apply a working concentration of 18 oz. of Lonza Formulation L-7 per gallon of water (1 part to 7 parts water). For Milking Contain: Follow directions for hospital disinfection. Repeat treatment every seven days, or when new growth appears.

* This disinfectant is effective at 5 oz./gal against *Pseudomonas aeruginosa* PD-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 5 oz./gal. for Influenza virus, Type A, H1N1 and B-type Simplex Type 2 on inanimate environmental surfaces. When applied as directed to pre-cleaned hard, non-porous surfaces, this disinfectant also kills the following organisms at 5 ounces per gal.: *Candida albicans*, *Escherichia coli*, *Legionella pneumophila*, *Salmonella typhi*, *Shigella sonnei*.

For other specialized cleaning and disinfecting operations, consult your local Lonza representative.