

47371-97

11-2-2000

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

H&S Chemicals Division
c/o Lonza Inc.
17-17 Route 208
Fair Lawn, NJ 07410

NOV 02 2000

ATTENTION: Ruth Trager

SUBJECT: Formulation RTU-90
EPA Registration Number: 47371-97
Your Amendment Dated: September 22, 2000
EPA Received Date: October 3, 2000

The amendment referred to above, submitted in connection with registration under FIFRA as amended is acceptable.

Submit two (2) copies of your final printed labeling before you release the product for shipment. A stamped copy of the labeling is enclosed for your records.

Should you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,



Velma Noble
Product Manager (31)
Regulatory Management Branch I
Antimicrobials Division (7510C)

Enclosure: Stamped Label
7510C:T.Lantz:10/30/00:4737197b

CONCURRENCES

SYMBOL	7510C							
SURNAME	T.Lantz							
DATE	11/1/00							

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

CAUTION. Harmful if absorbed through the skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

FIRST AID

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

(If container size is 5 gallons or greater, use the following Environmental Hazards statements.)

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.

(If container size is one gallon or less, use the following Storage and Disposal statements.)

STORAGE AND DISPOSAL

Store in areas inaccessible to small children. Do not reuse empty container. Wrap and discard in trash or recycle.

(If container size is greater than one gallon, use the following Storage and Disposal statements.)

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE

Store in original container in areas inaccessible to children. Do not store on side. Avoid creasing or impacting of side-walls.

PESTICIDE DISPOSAL

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

(Metal containers) Triple rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

(Plastic containers:) Triple rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

FORMULATION RTU-90

**ONE STEP - *VIRUCIDAL
READY TO USE GERMICIDE
CLEANER—DISINFECTANT—DEODORANT**

**CITRUS / FLORAL / PINE / MINT / LEMON / FRESH / CLEAN
(SCENT) (ODOR)(FRAGRANCE)**

ACTIVE INGREDIENTS:

n-Alkyl (C ₁₄ 60%, C ₁₆ 30%, C ₁₂ 5%, C ₁₈ 5%)	
dimethyl benzyl ammonium chloride	0.09%
n-Alkyl (C ₁₂ 50%, C ₁₄ 30%, C ₁₆ 17%, C ₁₈ 3%)	
dimethyl ethylbenzyl ammonium chloride	0.09%

INERT INGREDIENTS:	99.82%
Total:	100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

EPA Reg. No. 47371-97
EPA Est. No. *(as indicated on container)*
NET CONTENTS *(as indicated on container)*

H&S CHEMICALS DIVISION
c/o Lonza Inc. 17-17 Route 208, Fair Lawn, NJ 07410

ACCEPTED
with **COMMENTS**
in EPA Letter Dated:

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

47371-97

Not only helps control the hazards of cross-contamination on treated hard, nonporous, environmental surfaces, but also kills many microorganisms that cause odors. Recommended for disinfecting hard, nonporous, inanimate surfaces. For use in the household (homes), schools, colleges and office buildings, health care facilities, medical and dental offices, nursing homes, airports, and federally inspected meat and poultry plants.

Use on the following washable, hard, nonporous surfaces: floors, walls, countertops, stovetops, exhaust fans, sinks, appliances, refrigerators, tables, picnic tables, outdoor furniture, chairs, desks, telephones, garbage cans, highchairs, washable walls, cabinets, doorknobs, telephones, tubs and glazed ceramic tiles, bathtubs, shower stalls, sinks, urinals, toilet bowls, toilet bowl surfaces, glazed porcelain tiling, enameled surfaces, finished woodwork, Formica®, vinyl and plastic upholstery and hard, nonporous surfaces made of metal, stainless steel, glazed porcelain, glazed ceramic, fiberglass and plastic.

Kills *Streptococcus pyogenes*, *Salmonella choleraesuis*, *Pseudomonas aeruginosa*, *Staphylococcus aureus* & *Trichophyton mentagrophytes* (Athlete's Foot Fungus). *Virucidal against Influenza Type A, Herpes Simplex Type 2 and HIV-1 (AIDS virus).

KITCHEN: Kitchen floors collect both traffic dirt and kitchen germs. Use anywhere greasy dirt is a problem.

BATHROOM: Great for cleaning and deodorizing basins, tubs, and tiles. Leaves everything bright and clean, kills odor-causing household germs. Odors disappear instantly. Use where odors are a problem.

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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.

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

DISINFECTION / *VIRUCIDAL / FUNGICIDAL DIRECTIONS: If surfaces are visibly dirty pre-clean prior to disinfection / virucidal / fungicidal activity. Apply by mop, sponge, cloth, or spray on hard, nonporous surfaces to thoroughly wet surfaces for a minimum contact time of ten minutes. Wipe dry with a clean cloth, or sponge or allow to air dry. Rinsing is not necessary on floor surfaces that are to be waxed or polished. Rinse all surfaces that come in contact with food such as countertops, appliances, tables and stovetops with potable water before reuse. This product should not be used to clean utensils, glassware and dishes.

For sprayer applications, use a coarse spray device. Spray 6 - 8 inches from surfaces; rub with brush, sponge or cloth. Avoid breathing spray.

TO CLEAN AND / OR DEODORIZE: Apply by mop, sponge, cloth or spray on hard, nonporous surfaces. Wipe dry with a clean cloth, or sponge, or allow to air dry.

SANITIZING NON-FOOD CONTACT SURFACES: Use on washable, hard, nonporous surfaces: walls, floors, tables, garbage cans and telephones. The product is effective against *Staphylococcus aureus* and *Enterobacter aerogenes* in the presence of 5% serum. Apply by mop, sponge, cloth or spray to thoroughly wet surfaces for a minimum contact time of 5 minutes. Wipe dry with a clean cloth or sponge, or allow to air dry.

TO CLEAN AND DISINFECT TOILET BOWLS AND URINALS: Remove gross filth from bowl. Remove or expel over the inner trap residual bowl water. Use 4 ounces of product in toilet bowl or urinal. Apply (squeeze) directly around bowl and under rim; then scrub thoroughly with brush. Allow product to remain on surface for a contact time of 10 minutes; then flush toilet. This product, when used as directed, will not harm white or colored bowls or inanimate, hard surfaces. Close cap on container after use.

MILDEWSTATIC INSTRUCTIONS: Will effectively inhibit the growth of mold and mildew, plus the odors caused by them, when applied to hard, nonporous surfaces listed on this label. Apply with cloth, sponge, mop or spray, making sure to wet all surfaces completely. Allow surfaces to remain wet for 10 minutes. Let air dry. Repeat application weekly or when growth reappears.

This product is effective against the pathogenic fungi *Trichophyton mentagrophytes* (Athlete's Foot Fungus) when used as directed for disinfection with a contact time of 10 minutes on hard, nonporous surfaces in bathrooms, including shower stalls, floors, bath mats, glazed bathroom tiles and locker room benches.

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***KILLS HIV-1 (AIDS VIRUS) ON PRE-CLEANED, ENVIRONMENTAL SURFACES / OBJECTS PREVIOUSLY SOILED WITH BLOOD / BODY FLUIDS** in health care settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids, and in which the surface/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 (AIDS VIRUS) OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.

Personal Protection: Disposable latex or vinyl gloves, gowns, face masks, or eye coverings, as appropriate, must be worn during all cleaning of body fluids, blood and decontamination procedures.

Cleaning Procedures: Blood and body fluids must be thoroughly cleaned from surfaces and objects before application of disinfectant.

Contact Time: Effective against HIV-1 (AIDS virus) on hard, nonporous surfaces in the presence of a moderate amount of organic soil (5% blood serum) (providing 1800 ppm of active quaternary) for a contact time of 5 minutes at room temperature (20-25°C). Use a ten (10) minute contact time for disinfection against all other bacteria, fungi and viruses claimed.

Disposal of Infectious Materials: Blood and other body fluids should be autoclaved and disposed of according to federal, state and local regulations for infectious waste disposal.

FOR USE IN FEDERALLY INSPECTED MEAT AND POULTRY PLANTS: For use on all surfaces in inedible product processing areas non-processing areas and/or exterior areas. Before using this product, food products and packaging materials must be removed or carefully protected, then follow the "Disinfection Directions" above.

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