

47371-36

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

6-28-2006

1/7

JUN 28 2006

Mr. Robert Sloan
H&S Chemicals Division
Lonza Inc.
90 Boroline Rd
Allendale, NJ 07401

Subject: HS-867Q
EPA Registration No.: 47371-36
Amendment Date: January 20, 2006
EPA Receipt Date: January 23, 2006

Dear Mr. Sloan,

The following amendment submitted in connection with registration under FIFRA, as amended, is acceptable with the conditions below.

- Add marketing text and alternate use directions

Conditions

Please revise the label as follows:

Delete the 11th claim in the left column on page 2, "Kills flu viruses*."

General Comments

A stamped copy of the labeling accepted with conditions is enclosed. Submit three copies of you final printed label before distributing or selling the product bearing the revised labeling.

Should you have any questions regarding this letter, please contact Jacqueline McFarlane at (703) 308-6415.

Sincerely,



for Velma Noble
Product Manager (31)

CONCURRENCE Regulatory Management Branch I

Antimicrobials Division (7510C)

SYMBOL							
SURNAME							
DATE							

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING. Causes substantial but temporary eye injury. Harmful if absorbed through the skin. Do not get in eyes or on clothing. Wear protective eyewear (goggles, face shield or safety glasses.) Remove contaminated clothing and wash before reuse. Avoid contact with skin. Wash thoroughly with soap and water after handling.

FIRST AID

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling poison control center or doctor or going for treatment.

(If container size is 5 gallons or larger, use the following Environmental Hazards statement :)

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.

HS-867Q

One-Step Germicidal Cleaner and Deodorant

DISINFECTANT	PSEUDOMONACIDAL
STAPHYLOCIDAL	SALMONELLACIDAL
BACTERICIDAL	FUNGICIDAL
MILDEWSTATIC	*VIRUCIDAL

FLORAL / CITRUS / FRESH / CLEAN / LEMON / PINE / MINT

[scent] [fragrance] [odor] [scented]

Active Ingredients:

Didecyl dimethyl ammonium chloride	0.94%
n-Alkyl (C ₁₄ 50%, C ₁₂ 40%, C ₁₆ 10%) dimethyl benzyl ammonium chloride	0.62%
Other Ingredients:	98.44%
Total.....	100.00%

KEEP OUT OF REACH OF CHILDREN

**WARNING
[AVISO]**

EPA Reg. No. 47371-36
EPA Est. No. (as indicated on container)
Net Contents (as indicated on container)

**H&S CHEMICALS DIVISION
c/o Lonza Inc.
90 Boroline Road
Allendale, NJ 07401**

**ACCEPTED
with COMMENTS
in EPA Letter Dated:
JUN 28 2006
Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No.
47371-36**

A multi-purpose, germicidal detergent effective in the presence of a moderate amount of organic soil [5% serum].

[Cleans and] kills 99.9% of germs
Bleach-free
Eliminates tough [floor] dirt and germs
[Deodorizes and] has a clean, fresh scent
Help is on the way
[Heavy Duty] Disinfecting [Multi-Purpose] Cleaner
[Good for] [use on] finished wood surfaces
Disinfects [and / or] cleans and / or- deodorizes in one [labor saving] step.
Multi-purpose –or- Floor cleaner –and/or- disinfectant
Kills flu viruses* (List viruses) (Note to reviewer: Viruses must be listed)
No smeary residue

Effective against the following pathogens:

[Bacteria]

- Pseudomonas aeruginosa [Pseudomonas]
- Staphylococcus aureus [Staph]
- Streptococcus pyogenes [Strep]
- Enterobacter aerogenes
- Enterobacter cloacae
- Escherichia coli
- Klebsiella pneumoniae
- Mycoplasma gallisepticum
- Proteus mirabilis
- Proteus vulgaris
- Salmonella choleraesuis
- Serratia marcescens
- Shigella flexneri
- Shigella sonnei
- Staphylococcus aureus phage 80 & 81
- Staphylococcus epidermidis

[Viruses:]

- *Adenovirus Type 3
- *Herpes simplex Type 1 [Herpes]
- *HIV-1 [AIDS virus]
- *Influenza A/Texas [Influenza]
- *Rubella [German Measles]
- *Vaccinia [Pox Virus]

[Fungi:]

- Aspergillus flavus
- Aspergillus fumigatus
- Aspergillus glaucus var tonophilus
- Candida albicans
- Trichophyton mentagrophytes [Athlete's Foot Fungus]
[A Cause of ringworm]

Note to Reviewer: The following list must be placed either before or after the FARM PREMISE, LIVESTOCK, TURKEY AND POULTRY HOUSE DISINFECTANT and the VETERINARY PRACTICE / ANIMAL CARE / ANIMAL LABORATORY / ZOOS / PET SHOP / KENNELS DISINFECTION DIRECTIONS headings:

[Animal Viruses:]

- *Avian influenza {Influenza A/Victoria/73}
- *Bovine rhinotracheitis virus
- *Infectious bronchitis [Avian IBV]
- *Newcastle disease virus

Use **HS-867Q** in:

Bathrooms
Homes [households]
Kitchens

Dental offices
Hospitals
Medical Offices [Clinics]
Nursing homes

Day care centers
Nurseries

Bars
Cafeterias
Convenience stores
Federally inspected meat and poultry plants,
Food processing plants
Food storage areas
Institutional kitchens
Restaurants
[USDA] [Federally] inspected food processing facilities

Athletic facilities
Barber shops
Business and office buildings
Colleges
Correctional facilities
Dressing rooms
Exercise facilities
Factories
Hotels
Institutional facilities
Institutions
Locker rooms
Motels
Prisons
Public facilities
Public rest rooms
Schools
Shower and bath areas
Salons [Beauty]

Camp grounds
Play ground equipment

Animal laboratories
Dairy farms
Farms (Farm premises)
Hog farms
Kennels
Poultry farms
Pet animal quarters
Pet shops
Poultry houses
Turkey farms
Veterinary clinics
Zoos

Airplanes
Airports
Boats

HS-867Q
EPA No. 47371-36
EPA draft Label 6-30-06

Buses
Campers
Cars
Emergency vehicles
Mobile homes
Ships
Taxis
Trailers
Trains
Transportation terminals

(TYPES OF SURFACES:)

Use **HS-867Q** on washable hard, nonporous surfaces of:

Appliances, exterior surfaces
Basins (empty)
Bathroom (lavatory) fixtures
Bathtubs
Cabinets
Cages
Chairs
Coils and drain pans of air conditioning and refrigeration
equipment and heat pumps
Conductive flooring
Counters (countertops)
Desks
Doorknobs
Floors
Fiberglass Bathtubs
Fiberglass Sinks
Garbage cans
Highchairs
Kennel runs
Microwave ovens, exterior surfaces
Outdoor furniture
Refrigerators, exterior surfaces
Refrigerated storage and display equipment
Showers
Shower stalls
Sinks (bathroom, kitchen)
Stoves (stovetops)
Tables, (picnic tables)
Telephones
Toilets
Toilet bowls
Toilet bowl surfaces
Tubs
Tiles, glazed
Urinals
Walls

Other hard nonporous surfaces made of:
Glazed ceramic
Glazed enameled surfaces
Glazed porcelain
Metal
Painted surfaces
Plastic (such as polystyrene or polypropylene)
Sealed stone
Stainless steel
Upholstery, vinyl and plastic
Woodwork, finished

(Note to reviewer: Language in [] is optional or interchangeable)

DILUTION: 1:32

4 oz. per gallon of water
[488 ppm Active Quat]

[If the following Spanish statement is used, it must appear directly above DIRECTIONS FOR USE.]

AVISO: SI NO PUEDE LEER EN INGLES, PREGUNTE A SU SUPERVISOR SOBRE LAS INSTRUCCIONES DE USO APROPIADAS ANTES DE TRABAJAR CON ESTE PRODUCTO.

DIRECTIONS FOR USE

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

GENERAL USE DIRECTIONS

APPLICATION: For disinfection remove heavy soil deposits from surface. Then thoroughly wet surface with a solution of 4 ounces [1/2 cup] of the concentrate per gallon of water. Apply with a cloth, mop, sponge, or coarse sprayer, or by soaking. For sprayer applications, use a coarse spray device. Spray 6-8 inches from surface, rub with a brush, cloth or sponge. Do not breathe spray. Let solution remain on surface for a minimum of 10 minutes. Rinse or wipe dry with a clean cloth or sponge or allow to air dry.

Rinse all surfaces that come in contact with food such as countertops, exterior surfaces of appliances, tables and stovetops with potable water before reuse. Do not use on utensils, glassware, dishes or appliance interior surfaces as a disinfectant.

Prepare a fresh solution daily or more often if the solution becomes diluted or visibly soiled.

Rinsing of floors is not necessary unless they are to be waxed or polished.

(Note for reviewer: For labels that list medical premises and metal and / or stainless steel surfaces, one of the following statements must be used:)

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.]

[or]

This product is not for use on medical device surfaces.

[Note to reviewer: Alternate Directions for use:]

General Cleaning:

Mix 4 oz (1/2 cup) per gallon of water.

To Disinfect and clean [throughout your home]:

Mix 4 oz (1/2 cup) per gallon of water. Let stand 10 minutes before wiping. For heavily soiled surfaces, a precleaning step is required.

For tough jobs:

Pour directly on sponge or soil. Rinse thoroughly with clean water.

For surfaces that may come in contact with food potable water rinse is required.

USDA: Use in federally inspected meat and poultry plants on all hard, nonporous surfaces in inedible product processing areas, non-processing areas, and / or exterior areas.

USDA: For use in federally inspected meat and poultry plants as a floor and wall cleaner for use in all departments. Food products and packaging materials must be removed from the room or carefully protected. All surfaces must be thoroughly rinsed with potable water.

TOILET BOWLS: To clean, apply diluted solution around the bowl and up under the rim. Stubborn stains may require brushing.

To disinfect, first preclean to remove the heavy soil, then. [remove or expel over the inner trap the residual bowl water] [empty bowl]. Pour in 3 ounces of the diluted solution. [Swab the bowl completely using a scrub brush or mop] [Brush bowl completely], making sure to get under the rim. Let stand for 10 minutes [or overnight], then flush.

DISINFECTION OF BARBER / BEAUTY / SALON INSTRUMENTS AND TOOLS: Tools (such as combs, brushes, razors, scissors, and other shop tools) can be disinfected by immersing in a 4 ounce [1/2 cup] per gallon solution for a contact time of 10 minutes. Prepare a fresh solution daily or more often if the solution becomes diluted or visibly soiled.

FUNGICIDAL INSTRUCTIONS: HS-867Q is an effective fungicide against Trichophyton mentagrophytes [the athlete's foot fungus] [a cause of ringworm] in areas such as locker rooms, dressing rooms, shower and bath areas and exercise facilities. Follow disinfection directions.

MILDEWSTATIC INSTRUCTIONS: Will effectively control the growth of mold and mildew plus the odors caused by them when applied to hard, nonporous surfaces such as walls, floors, and table tops. Apply solution [4 ounces [1/2 cup] per gallon of water] with a cloth, mop, sponge, or coarse sprayer, making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application weekly or when growth reappears.

***KILLS HIV-1 (AIDS VIRUS) ON PRECLEANED, ENVIRONMENTAL SURFACES / OBJECTS PREVIOUSLY SOILED WITH BLOOD / BODY FLUIDS** in healthcare settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces / objects with blood / body fluids, and in which the surfaces / objects likely to be soiled with blood / body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV1) (associated with AIDS).

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

Personal Protection: Clean-up should always be done wearing protective gloves, gowns, masks and eye protection.

Cleaning Procedures: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of HS-867Q.

Contact Time: Leave surface wet for 5 minutes [at 25°C [77°F] [room temperature]. Use a 10-minute contact time for disinfection against all other viruses, fungi, and bacteria claimed.

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

FARM PREMISE, LIVESTOCK, TURKEY AND POULTRY HOUSE DISINFECTANT:

1. Remove all animals and feeds from premises, trucks, coops, crates, and enclosures.
2. Remove all litter and manure from floors, walls, and surfaces of barns, pens, stalls, chutes, and other facilities and fixtures occupied or traversed by animals.
3. Empty all troughs, racks, and other feeding and watering appliances.
4. Thoroughly clean all surfaces with soap or detergent, and rinse with water.
5. Saturate all surfaces with the recommended disinfecting solution for a period of 10 minutes.
6. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure.
7. Ventilate buildings, coops, cars, boats, and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set, or dried.
8. After treatment with disinfectant, thoroughly scrub feed racks, troughs, automated feeders, fountains, and waterers with soap and detergent, and rinse with potable water before reuse.

VETERINARY PRACTICE / ANIMAL CARE / ANIMAL LABORATORY / ZOOS / PET SHOP / KENNELS DISINFECTION DIRECTIONS:

For cleaning and disinfecting hard nonporous surfaces: equipment used for feeding or watering animals, utensils, instruments, cages, kennels, stables, catteries. Remove all animals and feeds from premises, animal transportation vehicles, crates, etc. Remove all litter, droppings and manure from floors, walls and surfaces of facilities occupied or traversed by animals. Empty all feeding and watering appliances Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use-solution of 4 oz. of **HS-867Q** per gallon of water [or equivalent dilution] for a period of 10 minutes. Wipe or allow to air dry. Immerse all animal handling and restraining equipment as well as forks, shovels, and scrapers used to remove litter and manure. Thoroughly scrub all surfaces that come in contact with food, including equipment used for feeding or watering, with soap or detergent and rinse with potable water before reuse. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried.

HEAVY-DUTY CLEANING INSTRUCTIONS:

Use [2 oz of **HS-867Q** per 24 oz of water] [8 to 12 oz of **HS-867Q** per gallon of water] to clean heavily soiled areas.

(Note to reviewer: If the container size is one gallon or less, the following storage and disposal statements will be used:)

STORAGE AND DISPOSAL

Store in original container in areas inaccessible to children. Do not store on side. Avoid creasing or impacting of side walls. Do not reuse empty container. Wrap and discard in trash or recycle.

(Note to reviewer: If container is greater than one gallon, the following storage and disposal statements will be used:)

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. Open dumping is prohibited. Do not reuse empty container.

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

(Plastic containers :)

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

(Fiber drums with liners :)

Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by state and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

(Metal Containers :)

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