

6836-78

1-3-2008

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Washington, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

JAN - 3 2008

Wendy A. McCombie
Agent
Lewis and Harrison
122 C Street, N.W., Suite 740
Washington D.C. 20001

Subject: Lonza Formulation R-82
EPA Reg. No. 6836-78
Application Dated: December 5, 2007
Receipt Date: December 5, 2007

Dear Ms. McCombie,

The following notification submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) section 3(c) 9 and the provisions of PR Notice 98-10 is acceptable.

Proposed Notification

- Correction of typographical errors in response to the letter dated June 19, 2007

Comments

Based on a review of the material submitted, the following comments apply:
This application for notification to correct the typographical errors is acceptable. A copy has been placed in our records for future reference.

Should you have any questions or comments concerning this letter, please contact Velma Noble at (703) 308-6233.

Sincerely,

Velma Noble
Product Manager (31)
Regulatory Management Branch1
Antimicrobial Division (7510c)

CONCURRENCES

SYMBOL	7510c						
SURNAME							
DATE	12/28/07						

31

LEWIS & HARRISON

Consultants in Government Affairs

122 C Street, N.W., Suite 740
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December 5, 2007

HAND DELIVERED

Document Processing Desk [NOTIFY]
Office of Pesticide Programs (7504P)
U. S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

ATTENTION: Velma Noble
Product Manager, Team 31

SUBJECT: Lonza, Inc.
Lonza Formulation R-82 (EPA Reg. No. 6836-78)
Notification of Minor Label Changes per PR Notice 98-10

Dear Ms. Noble:

On behalf Lonza, Inc., I am submitting an Application for Notification for **Lonza Formulation R-82 (EPA Reg. No. 6836-78)** pursuant to the provisions of PR Notice 98-10.

The purpose of this notification is correct certain grammatical elements on page 3 of the currently approved product label. Per Lonza's previous communication with EPA, it was agreed that the phrases containing "Lonza Formulation R-82 can be used ..." and "Lonza Formulation R-82 may be used ..." could be replaced with "Use Lonza Formulation ..." EPA indicated the June 19, 2007 letter would be revised, but the amended correspondence has not yet been received.

Based on previous discussions with EPA, we are revising the statements on page 3 of the current product label. The statements "Lonza Formulation R-82 can be used ..." and "Lonza Formulation R-82 may be used ..." now read "Use Lonza Formulation ..." A highlighted copy of the label is included with this submission.

The label is otherwise identical to that approved by the Agency on October June 19, 2007.

Should the Agency have any issues with the proposed label language during the course of the review process, I would appreciate receiving a telephone call or e-mail message to discuss the issues. Lonza is willing to cooperate with the Agency toward achieving a mutually agreeable label for **Lonza Formulation R-82** through the Notification process. If you would like to contact me about any of the new language, my telephone number is 202-393-3903 x 11 and my e-mail address is wmccombie@lewisharrison.com.

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Enclosed please find the following documents in support of this Notification:

- 1) Application for Pesticide Notification, which includes a signed statement certifying compliance with PR Notice 98-10;
- 2) One (1) copy of the proposed product label, with changes highlighted in yellow; and,
- 3) Two (2) copies of the proposed product label.

Thank you in advance for your assistance with this submission.

Sincerely,



Wendy A. McCombie
Agent for,
Lonza, Inc.

Enclosures

cc: Bob Sloan, Lonza, Inc.



EPA

United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other : **NOTIFICATION**

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 6836- 78	2. EPA Product Manager Velma Noble	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Lonza Formulation R-82	PM# Team 31	
5. Name and Address of Applicant (Include ZIP Code) Lonza, Inc. 90 Boroline Road Allendale, NJ 07401 <u>PLEASE DIRECT ALL CORRESPONDENCE TO</u> <u>"CONTACT POINT" LISTED BELOW</u> <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(I), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)

Notification is to revise grammatical issues. Please reference cover letter for details.

Notification of MINOR LABELCHANGES in Accordance With PR Notice 98-10

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 95-2 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be the subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Signature:

Date: **5 Dec 2007**

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	
*Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container	<input type="checkbox"/> Plastic:	
				<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify)	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On labeling accompanying product	
6. Manner in Which Label is Affixed to Product		<input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)		
Name: Wendy A. McCombie, Lewis & Harrison, LLC 122 C St., NW - Suite 740, Washington, DC 20001 wmccombie@lewisharrison.com	Title: Agent for Lonza, Inc.	Telephone No. (Include Area Code): (202) 293-2903 ext. 11
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete; I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title: Agent for Lonza, Inc.	
4. Typed Name Wendy A. McCombie, Lewis & Harrison LLC	5. Date December 5, 2007	

(Note to reviewer: The following is considered optional marketing language.)

Concentrate [Concentrated]
Disinfects [Disinfectant]
Cleans [Cleaner]
Deodorizes [Deodorant]
This product contains no [phosphates or] phosphorous
[compounds].

Lonza Formulation R-82:

- delivers non-acid disinfectant and cleaning performance in an economical concentrate.
- is effective yet economical.
- is an economical concentrate [that can be diluted for use] [with a mop and bucket, trigger sprayers, sponge or by soaking].
- [is a heavy duty disinfectant cleaner that] cleans, disinfects and deodorizes in one labor saving step.
- deodorizes by killing microorganisms that cause offensive odors.
- [improves labor results by] effectively controls [controlling] malodors.
- will disinfect, clean and deodorize surfaces in rest rooms and toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause malodors.
- is formulated for use in daily maintenance programs with a balance of detergents, biocides and malodor counteractants that deliver effective cleaning, disinfecting and malodor control.
- is a complete, chemically balanced disinfectant [and sanitizer] [that provides clear use solutions even in the presence of hard water].
- will not leave grit or soap scum.
- is a [versatile] disinfectant and sanitizer for hard, nonporous nonfood contact surfaces in Veterinarian, Animal care and Farm Premise applications.
- is a [versatile] cleaner and broad spectrum disinfectant formulated for use only on non-critical instruments in Ultrasonic Baths [Ultrasonic cleaning units].
- is a [concentrated] [one-step] [Hospital Use] disinfectant cleaner that is effective against a broad spectrum of bacteria, is virucidal* [including HIV-1, the AIDS Virus and Hepatitis B Virus and Hepatitis C Virus], fungicidal, and inhibits the growth of mold and mildew, and their odors, when used as directed.
- is an effective one-step sanitizer-cleaner for use on non-food contact surfaces.
- meets AOAC efficacy standards for hospital disinfectants.
- meets EPA Sanitizer Test standards for non-food contact sanitizers.
- is a proven "one-step" disinfectant - cleaner - sanitizer - fungicide - mildewstat - virucide* which is effective in water up to 400 ppm hardness in the presence of 5% serum contamination.

Cross-contamination is of major housekeeping concern. **LONZA FORMULATION R-82** has been formulated to aid in the reduction of cross-contamination not only in hospitals, but in schools, institutions and industry.

Use Lonza Formulation R-82

- in federally inspected Meat & Poultry Plants as a disinfectant or non-food contact sanitizer on all surfaces in inedible product processing areas, nonprocessing areas and / or exterior areas. This product was authorized by USDA as category D1 under the prior authorization program and its formula has not been changed.
- as a disinfectant on hard, nonporous surfaces.
- in kitchens, bathrooms and other household areas.
- to clean and disinfect finished floors, sinks and tubs.
- with a mop and bucket, trigger sprayer, sponge or by soaking.
- for non-scratch cleaning of showers and tubs, shower doors and curtains, fixtures and toilet bowls.
- to clean and disinfect nonporous salon / barber tools and instruments: combs, brushes, scissors, blades and manicure instruments.
- for sanitizing and disinfecting of ultrasound transducers, probes, mammography compressor plates and other hard nonporous surfaces.
- to clean and disinfect finished floors. Must be applied with damp mop or autoscrubber. Cleans and disinfects without dulling gloss.
- on coils and drain pans of air conditioning and refrigeration equipment and heat pumps. Follow the directions for sanitization of non-food contact surfaces.
- for Poultry Premise Sanitation [Hatcheries]: Egg Receiving Area, Egg Holding Area; Setter Room, Tray Dumping Area, Trays, Buggies, Racks, Egg Flats, Chick Holding Room, Hatchery Room, Chick Processing Area, Chick Loading Area, Poultry Buildings, Ceilings, Sidewalls and Floors, Drinkers and other Poultry House related equipment, and all other hard, nonporous surfaces in the Hatchery environment.
- for Swine Premise Sanitation: Waterers and Feeders, Hauling Equipment, Dressing Plants, Loading Equipment, Farrowing Barns and areas, Nursery blocks, Creep area, Chutes.
- for Farm Premise Sanitation of hard nonporous surfaces: floors, walls, feed racks, mangers, troughs, automatic feeders, fountains and waterers, forks, shovels, scrapers and other nonporous surfaces in barns, pens, stalls, chutes and other facilities and fixtures occupied or traversed by animals.

Lonza Formulation R-82 is effective at controlling mold and mildew odor on mattresses, pillows and shower curtains.

Use **Lonza Formulation R-82** in the laundry to control odors on musty bedding and linens. Test on a small inconspicuous area before using.

Use **Lonza Formulation R-82** on mildew stains in damp areas such as bathrooms, showers, kitchens, basements and laundry rooms.

Use **Lonza Formulation R-82** in work areas such as tool rooms and garages for odor control and light duty cleaning.

Use **Lonza Formulation R-82** to remove odors caused by flooding and smoke from fires.

Lonza Formulation R-82 leaves a clean fresh scent.

Lonza Formulation R-82 provides long lasting freshness against tough (pet) odors such as odors from litter boxes and pet accidents.

(Note to reviewer: The following is considered optional marketing language.)

(AREAS OF USE:)

Use **Lonza Formulation R-82** in:

Bathrooms
Homes [Households]
Kitchens

Dental offices
Health Care Facilities
Hospitals
Medical Offices
Nursing homes

Day care centers
Nurseries

Bars
Cafeterias
Convenience stores
Food processing plants
Food storage areas
Institutional kitchens
Restaurants
USDA 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]
Tanning Salons

Camp grounds
Play ground equipment

Animal laboratories
Dairy farms
Farms
Hog farms
Kennels
Mushroom Farms
Poultry farms
Pet animal quarters
Pet shops
Turkey farms
Zoos

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

(TYPES OF SURFACES:)

Use **Lonza Formulation R-82** on washable hard, nonporous surfaces of:

Appliances, exteriors of
Bathroom fixtures
Bathtubs [Fiberglass]
Cabinets
Cages
Chairs
Coils and drain pans of air conditioning and refrigeration equipment and heat pumps
Conductive flooring
Counters [countertops]
Countertop laminates
Desks
Doorknobs
Floors
Garbage cans
Highchairs
Kennel runs
Microwave ovens, exteriors of
Outdoor [patio] furniture except cushions and wood frames.
Refrigerators, exteriors of
Refrigerated storage and display equipment

Showers
Shower stalls [Fiberglass]
Sinks [bathroom] [kitchen] [Fiberglass]
Stoves [stovetops]
Tables [Non-wooden picnic tables]
Tanning beds
Telephones
Toilets
Toilet bowls
Toilet bowl surfaces
Tubs [Fiberglass]
Tiles, glazed
Ultrasonic baths
Urinals
Walls
Whirlpool bathtubs

Other hard nonporous surfaces made of:

Glazed ceramic
Glazed enameled surfaces
Glazed porcelain
Laminated surfaces
Metal
Plastic (such as polystyrene or polypropylene)
Sealed stone
Stainless steel
Upholstery, vinyl and plastic
Woodwork, finished

Non-critical medical device surfaces:

Beds [Medical] [Hospital]
Bed frames
Bed rails
Crutches
Non-critical [hospital] [medical] equipment surfaces
[Medical] Examining tables
[Medical] [Hospital] Lamps
[Medical] [Hospital] Scales
Stands
Stethoscopes
Walkers
Wheel chairs

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(Note to reviewer: The following is considered optional marketing language.)

Lonza Formulation R-82 is a phosphate free, germicidal detergent effective in the presence of a moderate amount of organic soil on hard nonporous surfaces found at mushroom farms. **Lonza Formulation R-82** has been designed for use between mushroom crops. Areas of intended use include breezeways and track alleys before spawning, inside and outside walls of mushroom houses, lofts, floors, storage sheds and casing rings. Use of **Lonza Formulation R-82** must be limited to areas where compost and mushrooms are not present.

LONZA FORMULATION R-82 is a sanitizer for hard nonporous non-food contact surfaces] according to the method for Sanitizers - Non-Food Contact Surfaces, modified in the presence of 500 ppm hard water plus 5% organic serum in 60 seconds against:

Klebsiella pneumoniae *Staphylococcus aureus*

LONZA FORMULATION R-82 eliminates 99.9% of *Staphylococcus aureus* and *Klebsiella pneumoniae* in 60 seconds.

LONZA FORMULATION R-82 is effective against Citrus Canker Disease (*Xanthomonas axonopodis* pv. *citri*) at 2000-ppm active quat.

LONZA FORMULATION R-82 is effective against:

Avian Influenza (H3N2)
Avian Infectious Bronchitis Virus
Canine Distemper Virus
Feline Calicivirus
Newcastle's Disease Virus
Pseudorabies Virus

LONZA FORMULATION R-82 is a mildewstat and will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard nonporous surfaces.

LONZA FORMULATION R-82 is a [one-step] [Hospital Use] disinfectant, Bactericidal according to the current AOAC Use-Dilution Test Method and Virucidal* according to the virucidal qualification modified in the presence of 400 ppm hard water plus 5% organic serum against:

[Bacteria:]

Pseudomonas aeruginosa [*Pseudomonas*]

Staphylococcus aureus [Staph]

Salmonella enterica [*Salmonella*]

Acinetobacter baumannii

Brevibacterium ammoniagenes [*Brevibacterium*]

Campylobacter jejuni

Enterobacter aerogenes

Enterococcus faecalis [*Enterococcus*]

Enterococcus faecalis - Vancomycin Resistant [VRE]

Escherichia coli [E. coli]

ESBL *Escherichia coli* - [Extended spectrum beta-lactamase producing E. coli]

Klebsiella pneumoniae [*Klebsiella*]

Legionella pneumophila

Pseudomonas cepacia [*Pseudomonas*]

Salmonella schottmuelleri [*Salmonella*]

Salmonella typhi [*Salmonella*]

Serratia marcescens [*Serratia*]

Shigella dysenteriae [*Shigella*]

Staphylococcus aureus - Methicillin-Resistant [MRSA]

Staphylococcus aureus - Multi-Drug Resistant

Staphylococcus aureus-Vancomycin Intermediate Resistant - [VISA]

Streptococcus pyogenes [Strep] [a cause of scarlet fever]

Vibrio cholerae

[Viruses:]

*Adenovirus Type 5

*Adenovirus Type 7

*Hepatitis B Virus [HBV]

*Hepatitis C Virus [HCV]

*Herpes Simplex Virus Type 1

*Herpes Simplex Virus Type 2

*HIV-1 [AIDS Virus]

*Human Coronavirus

*Influenza Type A / Brazil [Influenza]

*Norwalk Virus [Norovirus] - Feline Calicivirus

*Respiratory Syncytial Virus [RSV]

*SARS Associated Coronavirus [SARS] [cause of Severe Acute Respiratory Syndrome]

*Vaccinia [Pox Virus]

[Animal Viruses:]

Avian Influenza (H3N2)

Avian Infectious Bronchitis Virus

Canine Distemper Virus

Feline Calicivirus

Newcastle's Disease Virus

Pseudorabies Virus

[Fungi:]

Aspergillus niger

Trichophyton mentagrophytes [the Athlete's Foot Fungus]

[A cause of Ringworm of the foot]

LONZA FORMULATION R-82 (Note to reviewer: Language in [] is optional or interchangeable)

EPA Reg. No. 6836-78

EPA NOTIFICATIO DRAFT 12-5-07

DIRECTIONS FOR USE

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

Dilution:

Disinfection (1:256).....½ oz. per gallon of water
.....[886 ppm active]
Disinfection (1:128).....1 oz. per gallon of water
.....[1695 ppm active]
Disinfection (1:64).....2 oz. per gallon of water
.....[3390 ppm active]
Sanitizer (1:1024)½ oz. per 4 gallons of water
.....[200 ppm active quat]

Before use in federally inspected meat and poultry food processing plants and dairies, food products and packaging materials must be removed from the room or carefully protected.

Preparation of Use-Solution:

(Add) (Mix) [½ oz. per gallon of water [1:256]] or [1/2 - 1 oz. per gallon of water] or [1/2 - 2 oz. per gallon of water]. For heavy duty use, [add] [mix] 2 oz. per gallon of water [1:64]. Use 2 oz per gallon of water to kill Adenovirus Type 5 and type 7.

DISINFECTION / VIRUCIDAL* / FUNGICIDAL / MOLD AND MILDEW CONTROL DIRECTIONS:

Apply use-solution to hard, nonporous surfaces, thoroughly wetting surfaces with a cloth, mop, sponge, sprayer or by immersion. Treated surfaces must remain wet for 10 minutes. Wipe dry with a cloth, sponge or mop or allow to air dry. For heavily soiled areas, a preliminary cleaning is required.

For sprayer applications, use a coarse spray device. Spray 6 - 8 inches from the surface; rub with a brush, sponge or cloth. Do not breathe spray.

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

For fungicidal activity, Lonza Formulation R-82 is an effective fungicide against Trichophyton mentagrophytes [the athlete's foot fungus] in areas such as locker rooms, dressing rooms, shower and bath areas and exercise facilities.

Lonza Formulation R-82 is a one-step fungicide at [½ oz.] or [1/2 - 1 oz. per gallon of water] or [1/2 - 2 oz. per gallon of water] per gallon in 250 ppm hard water and 5% serum.

At [½ oz.] or [1/2 - 1 oz. per gallon of water] or [1/2 - 2 oz. per gallon of water] per gallon in 400 ppm hard water, Lonza Formulation R-82 must be used on precleaned surfaces.

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For mold and mildew, At [½ oz.] or [1/2 - 1 oz. per gallon of water] or [1/2 - 2 oz. per gallon of water] per gallon, **LONZA FORMULATION R-82** will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard, nonporous surfaces. Follow disinfection instructions. Repeat treatment every seven days, or more often if new growth appears.

(Note to reviewer: one of the following two statements will be used:)

BACTERICIDAL STABILITY OF USE-DILUTION: (Tests confirm that) the use solution of this product, when stored in a sealed container such as a spray bottle, remains effective for (up to 7 days) (for up to one week) (for up to one month) (for up to 2 months) (for up to 3 months) (for up to 4 months) (for up to 5 months) (for up to 6 months) (for up to 12 months) (for up to 1 year). If product becomes visibly dirty or contaminated, the use-dilution must be discarded and fresh product prepared. Always use clean, properly labeled containers when diluting this product. Bactericidal stability of the use-dilution does not apply to open containers such as buckets or pails.

(or)

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

(Note to reviewer: Only one of the following two statements will be used. Supplemental registrants will pick only one time frame for their label up to one year.)

(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. [optional: 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.

TO CLEAN AND DEODORIZE: [Mix] [Use] [½ oz.] or [1/2 - 1 oz.] or [1/2 - 2 oz.] of **Lonza Formulation R-82** per gallon of water to clean and deodorize surfaces. Apply using a cloth, mop, sponge or sprayer. Wipe or allow to air dry.

NON-ACID TOILET BOWL [AND URINAL] DISINFECTANT / CLEANER DIRECTIONS:

Remove gross filth prior to disinfection.

From Concentrate:

Add [½ oz.] or [1/2 - 1 oz.] or [1/2 - 2 oz.] to the bowl and mix. Brush over exposed surfaces and under the rim, allow to stand for 10 minutes and flush.

From Use Solution:

Empty toilet bowl [or urinal] and apply [½ oz.] or [1/2 - 1 oz.] or [1/2 - 2 oz.] per gallon use-solution to exposed surfaces and under the rim with a cloth, mop, sponge or mechanical spray. Brush or swab thoroughly; allow to stand for 10 minutes and flush.

For Heavy Duty Use:

Empty toilet bowl [or urinal] and apply 2 oz. per gallon use-solution to exposed surfaces including under the rim with a cloth, mop, sponge or sprayer, brush or swab thoroughly, allow to stand for 10 minutes and flush.

FOR USE ON FINISHED FLOORS: To limit gloss reduction use **LONZA FORMULATION R-82** at [1/2 oz.] or [1/2 - 1 oz.] per gallon. Apply with a damp mop or autoscrubber. Allow surface to remain wet for 10 minutes. Wipe or allow to air dry. Do not use on floor finish at 2 oz. per gallon.

SALON / BARBER INSTRUMENTS AND TOOLS DISINFECTION (BACTERICIDE)/ VIRUCIDE / FUNGICIDE DIRECTIONS:

Mix 1 - 2oz. [30 ml] of **LONZA FORMULATION R-82** per gallon of water [1/4 - 1oz. [7.5- 30.0 ml] of **LONZA FORMULATION R-82** per quart of water] to disinfect hard nonporous instruments and tools. Use 2 oz per gallon of water to kill Adenovirus Type 5 and type 7. Completely immerse combs, brushes, rollers, manicure and other salon instruments and tools for 10 minutes. For heavily soiled instruments and tools, a preliminary cleaning is required. Rinse thoroughly and dry before use. Fresh solution must be prepared daily or more often if solution becomes diluted or soiled.

Note: Plastics may remain immersed until ready to use. Stainless steel shears and instruments must be removed after 10 minutes, rinsed, dried and kept in a clean, non-contaminated receptacle. Prolonged soaking may cause damage to metal instruments.

ULTRASONIC BATH DISINFECTANT [VIRUCIDAL] DIRECTIONS:

Use **LONZA FORMULATION R-82** to disinfect hard nonporous, non-critical objects compatible with Ultrasonic cleaning units.

Pour fresh use-solution of [1/2 oz.] or [1/2 - 1 oz.] or [1/2 - 2 oz.] per gallon of water directly into bath chamber. Use 2 oz per gallon of water to kill Adenovirus Type 5 and type 7. Preclean heavily soiled objects. Place objects into unit and operate for a minimum of 10 minutes, according to the manufacturer's directions.

Remove objects and wash with sterile water (sterile water for injection) or allow to air dry. Prepare fresh solution for each use.

DISINFECTION OF [WHIRLPOOL [UNITS] [BATH(S)] [FOOT SPAS]:

After using the [whirlpool (unit) (bath)] [foot spa], drain and refill with fresh water to (just cover the intake valve) (cover the highest jet) (2 inches above the highest jet). Add [½ oz.] or [1/2 - 1 oz.] or [1/2 - 2 oz.] of **Lonza Formulation R-82** for each gallon of fresh water added. Use 2 oz per gallon of water to kill Adenovirus Type 5 and type 7. Start the pump to circulate the solution. Wash down the sides, [[deck,] [seat of chair lift,] [any related equipment,]] and any uncovered surfaces on the [bath] [unit] [foot spa] with a clean swab, brush or sponge. Treated surfaces must remain wet for 10 minutes. After the [unit] [bath] [foot spa] has been thoroughly disinfected, drain the solution from the [unit] [bath] [foot spa] and rinse the disinfected surfaces with fresh water. Wipe dry with a clean sponge or cloth or allow to air dry. Repeat for heavily soiled units.

SANITIZATION OF [WHIRLPOOL (BATH(S) (UNITS))]:

After using the [whirlpool [unit] [bath]], drain and refill with fresh water to [just cover the intake valve] [cover the highest jet] [2 inches above the highest jet]. Add ½ oz. of **Lonza Formulation R-82** for each 4 gallons of fresh water added. Start the pump to circulate the solution. Wash down the sides, [[deck,] [seat of chair lift,] [any related equipment,]] and any uncovered surfaces on the [bath] [unit] with a clean swab, brush or sponge. Treated surfaces must remain wet for at least [60 seconds] [one minute]. After the [unit] [bath] has been thoroughly sanitized, drain the solution from the [unit] [bath]. Wipe dry with a clean sponge or cloth or allow to air dry. Repeat for heavily soiled units.

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***KILLS HIV AND HBV AND HCV 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 surfaces / 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) or Hepatitis B Virus (HBV) or Hepatitis C Virus (HCV).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 OR HBV OR HCV ON SURFACES / OBJECTS SOILED WITH BLOOD / BODY FLUIDS.

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

Cleaning procedure: Blood and other body fluids containing HIV or HBV or HCV must be thoroughly cleaned from surfaces and objects before application of **LONZA FORMULATION R-82**.

Contact time: Leave surface wet for 1 minute (60 seconds) for HIV-1 and 10 minutes for HBV and HCV with [½ oz.] or [1/2 - 1 oz.] or [1/2 - 2 oz.] per gallon use-solution. Use 2 oz per gallon of water to kill Adenovirus Type 5 and type 7. Use a 10-minute contact time for disinfection against all other viruses, bacteria and fungi claimed.

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

TO SANITIZE NON-FOOD CONTACT SURFACES:

[Add] [mix] ½ oz. of Lonza Formulation R-82 per 4 gallons of water to sanitize hard nonporous surfaces. Treated surfaces must remain wet for 60 seconds. Wipe dry with a sponge, mop, or cloth or allow to air dry. Do not use in food preparation, food handling and food storage areas. This product is not to be used on glassware, dishware, cookware or utensils.

TO SANITIZE BARBER / SALON INSTRUMENTS AND TOOLS:

Immerse precleaned barber / salon instruments and tools such as combs, brushes, razors, scissors, blades and manicure instruments in a use-solution of ½ oz. of Lonza Formulation R-82 per 4 gallons of water [or equivalent dilution] for at least [60 seconds] [one minute]. Rinse thoroughly and dry before use. Prepare a fresh solution daily or more often if solution becomes visibly diluted, cloudy or soiled.

NOTE: Plastics may remain immersed until ready to use. Stainless steel shears and instruments must be removed after 10 minutes, rinsed, dried, and kept in a clean non-contaminated receptacle. Prolonged soaking may cause damage to metal instruments.

VETERINARY PRACTICE / ANIMAL CARE / ANIMAL LABORATORY / ZOOS / PET SHOP / KENNELS DISINFECTION / [VIRUCIDAL] 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 [½ oz.] or [1/2 - 1 oz.] or [1/2 - 2 oz.] of **LONZA FORMULATION R-82** per gallon of water [or equivalent dilution] for a period of 10 minutes. Use 2 oz per gallon of water to kill Adenovirus Type 5 and type 7. 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. Rinse all surfaces that come in contact with food, including equipment used for feeding or watering, 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.

FARM PREMISE USE:

Remove all animals and feed from premises, vehicles and enclosures. 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. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate all surfaces with a use-solution of [1/2 oz.] or [1/2 - 1 oz.] or [1/2 - 2 oz.] of **LONZA FORMULATION R-82** per gallon of water [or equivalent dilution] for a period of 10 minutes. Use 2 oz per gallon of water to kill Adenovirus Type 5 and type 7. 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. Ventilate buildings, cars, boats and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains and waterers with soap or detergent, and rinse with potable water before reuse.

POULTRY AND SWINE PREMISE DISINFECTION / [VIRUCIDAL] DIRECTIONS:

Remove all animals and feeds from premises, vehicles and enclosures such as coops and crates. Remove all litter, droppings and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities and fixtures occupied or traversed by animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Use [1/2 oz.] or [1/2 - 1 oz.] or [1/2 - 2 oz.] of **LONZA FORMULATION R-82** per gallon of water. Use 2 oz per gallon of water to kill Adenovirus Type 5 and type 7. Saturate surfaces with the recommended disinfecting solution for 10 minutes. 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. Ventilate buildings, coops and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains and waterers with soap or detergent, and rinse with potable water before reuse.

Hatcheries: Use [1/2 oz.] or [1/2 - 1 oz.] or [1/2 - 2 oz.] of **LONZA FORMULATION R-82** per gallon of water to treat hatchers, setters, trays, racks, carts, sexing tables, delivery trucks and other hard nonporous surfaces. Use 2 oz per gallon of water to kill Adenovirus Type 5 and type 7. Leave all treated surfaces wet for 10 minutes or more. Wipe dry with a clean cloth or sponge or allow to air dry.

Vehicles: Treat all vehicles including mats, crates, cabs and wheels with water and **LONZA FORMULATION R-82**. Use [1/2 oz.] or [1/2 - 1 oz.] or [1/2 - 2 oz.] of **LONZA FORMULATION R-82** per gallon of water to treat all vehicles. Use 2 oz per gallon of water to kill Adenovirus Type 5 and type 7. Leave all treated surfaces wet for 10 minutes or more. Wipe dry with a clean cloth or sponge or allow to air dry.

Shoe Bath Sanitizer Directions: To prevent cross contamination into animal areas, shoe baths containing one inch of freshly made solution should be placed at all entrances to buildings and hatcheries. Scrape waterproof work boots and place in a 1/2 oz. per 4 gallons of water use-solution for 60 seconds prior to entering area. Change the solution in the bath daily or when solution appears diluted or soiled.

Shoe Foam Sanitizing Directions:

To prevent cross contamination into animal areas and the packaging and storage areas of food plants. Apply a foam layer approximately 1/2 to 2 inches thick made from a solution of 1/2 oz. of **LONZA FORMULATION R-82** per 2 - 5 1/2 gallons of water [400 - 150 ppm active quat] [or equivalent dilution], at all entrances to buildings, hatcheries, production and packaging rooms by using a foam generating machine or aerator to apply the foam layer. Follow the foaming directions as specified by the manufacturer of the foam generator or aerator. Scrape waterproof work [boots] [shoes]. Stand or walk through foamed area for 60 seconds prior to entering area. Wash and replace Foam Area at least daily or more often if the Foam Area appears diluted or soiled.

Dressing Plant Disinfectant Directions: Disinfect equipment, utensils, walls and floors in poultry and animal dressing plants. Disinfect offal rooms, exterior walls and loading platforms of dressing plants. Cover or remove all food and packaging materials. Remove all heavy soils prior to application. Saturate all surfaces with a [1/2 oz.] or [1/2 - 1 oz.] or [1/2 - 2 oz.] per gallon of water solution. Use 2 oz per gallon of water to kill Adenovirus Type 5 and type 7. Scrub to loosen all soils. Surfaces must remain wet for 10 minutes, then thoroughly rinsed with potable water before operations are resumed.

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**FOGGING DEVICE HATCHERY ROOM SANITIZER /
FOGGING DEVICE INCUBATOR AND HATCHER
SANITIZER DIRECTIONS:**

Remove all animals and feed from premises, vehicles and enclosures. Remove all litter and manure from floors, walls and surfaces of the room to be treated. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap and detergent and rinse with water. Close room off so fog is confined to room to be treated.

[For Hatchery Room: Mix one part of product to five parts water (½ gallon to 2½ gallons of water). Insert nozzle of fogger through suitable opening to room. With the setting in maximum output, for one minute for each 4000 cubic feet of space in the room].

[For Incubator and Hatcher: Mix 6 oz per 122 oz of water. Fog 3 - 8 oz into setters and hatchers immediately after transfer. Repeat daily in setters and every 12 hours in hatchers. Discontinue hatchers treatment at least 24 hours prior to pulling the hatch. It is acceptable to fog setters and hatchers with ½ oz per gallon on an hourly or every other hourly basis. If this solution is used, fog for 30-90 seconds once per hour or once every 2 hours.]

When fogging is completed, ventilate buildings, and other closed spaces. Do not allow people to contact or breathe this fog. Do not house livestock or employ equipment until treatment has been absorbed or dried. Do not enter until fog has settled approx. 30 - 60 minutes after fogging is completed. Thoroughly scrub all treated feed racks, mangers, troughs, and rinse with potable water before reuse.

FOGGING IS TO BE USED AS AN ADJUNCT TO ACCEPTABLE MANUAL CLEANING AND DISINFECTING FOR ROOM AND MACHINE SURFACES.

Mushroom Farm Premise Use:

Site Preparation: The first step in any on-going sanitation program is the removal of gross contamination and debris. This must be accomplished by using a shovel, broom, or vacuum, depending on the area to be disinfected.

Cleaning and Disinfection: For general cleaning and disinfection, use [½ oz.] or [1/2 - 1 oz.] or [1/2 - 2 oz.] of **Lonza Formulation R-82** per gallon of water [or equivalent dilution]. Apply use solution with a cloth, mop, sponge, sprayer or by immersion to thoroughly wet the surfaces. Treated surfaces must be allowed to remain wet for 10 minutes. Wipe or allow to air dry. For heavily soiled areas, pre-clean first. Prepare a fresh solution for each use or more often if solution becomes visibly diluted, clouded or soiled.

For Heavy Duty Cleaning: When greater cleaning is desired, use 1 oz. of **Lonza Formulation R-82** per gallon of water. Heavily soiled areas may require repeated cleaning before treatment.

DO NOT APPLY USE-SOLUTION TO THE MUSHROOM CROP, COMPOST OR CASING. Rinse treated surfaces with potable water before they contact the crop, compost or casing.

CITRUS CANCER DISEASE CONTROL:

For prevention of Citrus Canker Disease through treatment of pre-cleaned equipment. Effective against *Xanthomonas axonopodis* pv. *citri* (Citrus Canker Disease) at 2000 ppm active quat. Apply treatments to trucks, attached trailers, and field harvesting equipment including cargo area, wheels, tires, undercarriage, hood, roof, fenders, and any other hard non-porous part of the equipment that can be taken into infested areas.

Thoroughly clean all hard nonporous surfaces with soap or detergent and rinse with water. Then saturate surfaces with a 1:109 use-dilution. [1.2 oz. of Lonza Formulation R-82 per gallon of water or 6 oz. of Lonza Formulation R-82 per 5 gallons of water, or equivalent dilution] [2000 ppm active quat] for a period of 10 minutes. Allow to air dry. All surfaces that come in contact with food or crop must be rinsed with potable water before reuse. To prevent the spread of Citrus Canker Disease by this artificial means of transportation, treatments are made by trigger spraying, dipping or brushing. Clothing must be either rinsed or laundered before reuse. Footwear should be rinsed before reuse.

Lonza Formulation R-82 is effective at eliminating odors on porous surfaces such as upholstery, drapes, carpets, bedding, shower curtains, mattresses and non-porous surfaces such as walls and floors. Excellent for fire restoration.

Other suggested Uses: Homes, Veterinary Clinics, Fish Markets, Kennels, Trash Compactors, Offices, Beauty Salons, Locker Rooms, Health Spas, Conference rooms, Elevators, Smoking Areas, Lounges, Day Care Centers, Dry Cleaners, Theaters, Farms, Auditoriums and Churches.

Deodorizing directions:

Nursing Homes, Hospitals, Hotels, Schools, Restaurants: Using [1/2 - 1 oz.] or [1/2 - 2 oz.], in chemical toilets, waste receptacles, bed pans, drainage bottles, diaper pails, hampers, disposals, commodes and air conditioner pans will eliminate odors.

Mopping Solutions, Automatic Scrubbers: Use [1/2 - 1 oz. per gallon] or [1/2 - 2 oz.] per gallon of cleaning solution eliminates undesirable odors.

Laundry: [1/2 - 1 oz.] or [1/2 - 2 oz.] per load added during the final rinse cycle deodorizes all offensive odors.

Air Freshener/Automotive Uses: 2 oz. per gallon of water or desired concentration will effectively neutralize damp musty odors caused by mildew in storage areas, basements, closets and bathrooms. Effective on smoking and cooking odors (garlic, fish, onions, etc.). Automobile odors from tobacco, musty carpet smell and beverage smells will be eliminated.

Carpets: [1/2 - 1 oz.] or [1/2 - 2 oz.] per gallon of shampoo solution eliminates odors associated with urine, vomit, smoke, and mildew. Reapply after cleaning for freshening effects. Allow to dry.

RV Holding Tanks: Toilet waste: cover bottom of holding tank with water and add [1/2 - 1 oz.] or [1/2 - 2 oz.]. If odors return before time to empty, simply add [1/2 - 1 oz.] or [1/2 - 2 oz.] to the tank. Kitchen waste: [1/2 - 1 oz.] or [1/2 - 2 oz.] of Lonza Formulation R-82 to gray water tank as needed to control malodors created by dirty dish water.

Pet Odors: Use 2 - 3 oz. per gallon of water or desired concentration, for urine, feces, and vomit, in carpet and upholstery. Clean prior to application then spray onto affected areas. Test hidden area for colorfastness. Allow 10 minutes contact time. Then blot with clean cloth. Allow to dry. Also effective on pet bedding and litter boxes.

Sewage Backup, Water Damage: Use 1 - 2 oz. per gallon of water or desired concentration. Spray over affected areas before and after cleaning and extraction. Allow ten minutes contact time. Use proper ventilation; open windows.

Cleaning Solution: Dilute [1/2 - 1 oz.] or [1/2 - 2 oz.] per gallon of water for cleaning of kitchen counters, tables, walls, bathrooms, toilet seats, mopping floors and large routine applications.

WATER DAMAGE RESTORATION AGAINST ODOR-CAUSING BACTERIA AND FUNGI FOR HOME, INSTITUTIONAL, INDUSTRIAL AND HOSPITAL USE:

This product is particularly suitable for use in water damage restoration situations against odor causing bacteria on the following porous and semi-porous materials: carpets, carpet cushions, subfloors, drywall, concrete, brick, trim and frame lumber, tackless strip and paneling. Using appropriate dilution, saturate the affected materials with enough product to remain wet for at least 10 minutes.

Sewer Backup and River Flooding: During mitigation procedures, dilute [1/2 - 1 oz.] or [1/2 - 2 oz.] of the concentrate per gallon of water, allowing for the diluting effect of absorbed water within saturated materials. Remove gross filth or heavy soil along with non-salvageable materials. Saturate all affected areas with a coarse spray device before and after cleaning and extraction.

Carpets, Carpet Cushions and Other Porous Materials such as Subfloors, Drywall, Concrete, Brick, Trim and Frame Lumber, Tackless Strip and Paneling: For water damage from a clean source, extract excess water. Test hidden area for colorfastness. Dilute [1/2 - 1 oz.] or [1/2 - 2 oz.] of the concentrate per gallon of water, allowing for the diluting effect of absorbed water within saturated materials. Remove gross filth or heavy soil. Saturate all affected areas with a coarse spray device. Roll, brush or agitate into the materials and allow materials to remain wet for 10 minutes. Follow with a thorough extraction. Dry rapidly and thoroughly.

Special instructions For Cleaning Carpet Against Odor Causing Bacteria: Use this product in industrial and institutional areas such as homes, motels, hotels, nursing homes, schools, and hospitals. Use on wet-cleanable synthetic fibers. Do not use on wool. Vacuum carpet thoroughly prior to cleaning. Test fabric for colorfastness. **For portable extraction units:** Mix 1/2 oz. of concentrate per gallon of water. **For truck mounted extraction machines:** Mix 1/2 - 1 oz. of concentrate per gallon of water and meter at 4 gallons per hour. **For rotary floor machines:** Mix 1/2 oz. of concentrate per gallon of water and apply at the rate of 300 - 500 sq. ft. per gallon. Do not mix this product with other cleaning products. Follow the cleaning procedures specified by the manufacturer of the cleaning equipment. After using the product, set the carpet pile and protect the carpet from furniture legs and bases while drying. Do not over-wet. If applied to stain resistant nylon carpet, apply a fabric protector according to the manufacturer's directions.

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(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. 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

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

[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

[Metal Containers]: 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.

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PACKET LABEL TO BE USED WITH MASTER CONTAINER LABEL

FOR DISINFECTION

Note to reviewer: the following will be used for 1/8 oz of concentrate:

MIX EACH PACKET WITH [1 QUART] OF WATER

Note to reviewer: the following will be used for 1 oz of concentrate:

MIX EACH PACKET WITH [2 GALLONS] OF WATER

Note to reviewer: the following will be used for 2 oz of concentrate:

MIX EACH PACKET WITH [4 GALLONS] OF WATER

Note to reviewer: the following will be used for 4 oz of concentrate:

MIX EACH PACKET WITH [8 GALLONS] OF WATER

LONZA FORMULATION R-82

EPA. Reg. No. 6836-78

EPA. Est. No. *(insert EPA Est. No. here)*

Net Contents:

Active Ingredients:

Octyl decyl dimethyl ammonium chloride	6.510%
Dioctyl dimethyl ammonium chloride	2.604%
Didecyl dimethyl ammonium chloride	3.906%
Alkyl (C ₁₄ , 50%; C ₁₂ , 40%; C ₁₆ , 10%) dimethyl benzyl ammonium chloride.....	8.680%
(Other) (Inert) Ingredients:	78.300%
Total	100.000%

KEEP OUT OF REACH OF CHILDREN

DANGER

See outer container for Precautionary Statements and Use directions

Disposal: Do not reuse packet. Wrap and put in trash.

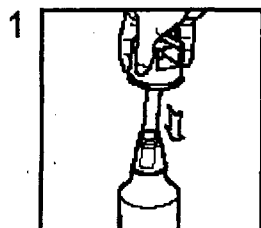
Lonza Inc.
90 Boroline Road
Allendale, NJ 07401

[IF OTHER PACKET SIZES ARE DESIRED, NEW PACKET LABEL WILL BE IDENTICAL AND THE ONLY THINGS THAT WILL VARY ARE THE NET CONTENTS, AMOUNT OF WATER TO DILUTE WITH AND PPM ACTIVE QUAT. THOSE 3 ITEMS WILL HAVE TO MATCH OR BE EQUIVALENT TO THE DILUTION CHART THAT IS SHOWN ON PAGE 5.]

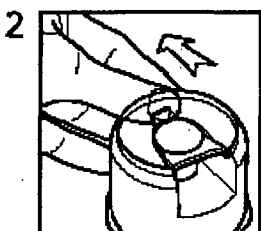
(note to reviewer, the following is optional marketing language to be used with the Dose 'N Fill dispenser and bottle)

- 3M Dose 'N Fill
- 3M Twist 'N Fill
- Makes ready-to-use gallons
- This product is to be diluted only with the Twist 'n Fill Chemical Dispenser.

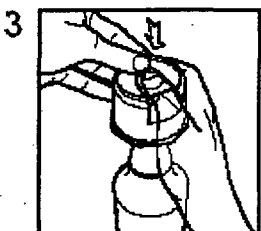
(note to reviewer, the following is a graphic and instructions for Dose 'N Fill dispenser and bottle)



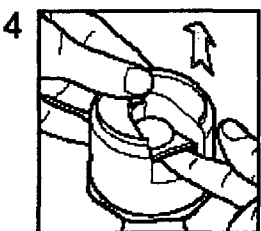
Insert dispenser into a 32 ounce bottle.



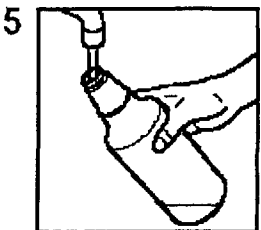
Move safety tab and hold.



Push button down to release and wait 10 seconds until one dose is dispensed.



Pull button up to reset.



Fill Bottle with cold water. Label bottle appropriately.