



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

February 14, 2022

Jennifer DiPietro  
Authorized Representative  
Arxada, LLC.  
412 Mount Kemble Avenue, Suite 200S  
Morristown, NJ 07960

Subject: PRIA Label Amendment – Addition of Electrostatic Spray Use  
Directions and Claims  
Product Name: Lonzagard RCS-256  
EPA Registration Number: 6836-346  
Received Date: 03/26/2021  
Action Case Number: 00295596

Dear Ms. Pietro:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. Pursuant to 40 CFR 156.10(a)(6), you must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. See FIFRA section 2(p)(2). If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process, FIFRA section 12(a)(1)(B). Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Assurance.

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Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Melanie Bolden by phone at (202)-566-0674 or via email at [Bolden.Melanie@epa.gov](mailto:Bolden.Melanie@epa.gov).



Eric Miederhoff  
Product Manager 31  
Regulatory Management Branch I  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

Enclosure

Note to reviewer:  
[Items in brackets [AAA] are optional and may/may not be included on final label]  
{Items in braces {AAA} are for information purposes and will not appear on final label}

# LONZAGARD RCS-256

Active Ingredients:	
Octyl decyl dimethyl ammonium chloride.....	6.67%
Dioctyl dimethyl ammonium chloride.....	2.67%
Didecyl dimethyl ammonium chloride.....	4.00%
Alkyl (C <sub>14</sub> , 50%; C <sub>12</sub> , 40%; C <sub>16</sub> , 10%) dimethyl benzyl ammonium chloride .....	8.90%
Other Ingredients: .....	77.76%
Total:.....	100.00%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER [PELIGRO]**

See [left] [side] [right] [back] panel for Precautionary Statements

**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.

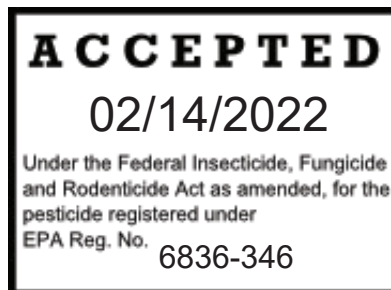
**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

Have the product container or label with you when calling poison control center or doctor or going for treatment. For general information on product use, etc., call the National Pesticides Information Center at 1-800-858-7378. You may also contact the poison control center at 1-800-222-1222 for emergency medical treatment information.

EPA Reg. No. 6836-346  
EPA Est. No. (insert EPA Establishment No. here)  
Net Contents (insert container size here)

[DOT symbols]  
[Country of origin (insert country)]  
[Manufactured in (insert country)]  
[Barcode]

Manufactured by:  
Arxada, LLC  
412 Mt. Kemble Avenue, Suite 200S  
Morristown, NJ 07960



PRECAUTIONARY STATEMENTS

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER.** Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles, face shield or safety glasses), protective clothing and protective (rubber or chemical resistant) gloves. Harmful if swallowed or if absorbed through the skin. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

*{Note to reviewer: If container size is 5 gallons or larger, the following Environmental Hazards statements will be used:}*

**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.

{Note to reviewer: The following on Pages 3-7 is considered optional marketing language.}

[One-Step Disinfectant<sup>2,4</sup>]

[Cleaner – Sanitizer – Fungicide – Mildewstat – Virucide\* – Deodorizer]  
[for Homes, Restaurants, Hospitals, Institutional and Industrial Use]

[Effective in hard water up to 250 ppm hardness (calculated as CaCO<sub>3</sub>) in the presence of 5% serum contamination]

[[Citrus], [Floral], [Fresh], [Lavender], [Lemon], [Lime], [Mint], [Peppermint], [Pine], [Woody] [Scent] [Scented] [Fragrance] [Odor]]

- [Formulated for Effective Farm Premise Sanitation]
- [Formulated for Effective Poultry Premise Sanitation]
- [Formulated for Effective Swine Premise Sanitation]
- [Formulated for Effective Mushroom Farm Sanitation]
- [Formulated for Veterinary Practice / Animal Care / Animal Laboratory Disinfection]
- [For use in federally inspected meat and poultry plants]

[Staphylocidal<sup>6</sup> • Pseudomonacidal<sup>7</sup> • Bactericidal • Fungicidal • Virucidal\*]

Concentrate [Concentrated]

Disinfects [Disinfectant]

Cleans [Cleaner]

Deodorizes [Deodorant]

This product contains no [phosphates] [or] [phosphorous compounds].

For use in (*insert name of automated dilution system here*) [automated] [dilution system]

#### **Lonzagard RCS-256:**

- delivers non-acid disinfectant and cleaning performance in an economical concentrate.
- deodorizes by killing microorganisms that cause offensive odors.
- disinfects and deodorizes in one labor saving step.
- Disinfects surfaces<sup>2</sup> by killing [99.9%] SARS-Related Coronavirus 2 [SARS-CoV-2] [USA-WA1/2020] [in one step]
- Effective against SARS-Related Coronavirus 2<sup>2</sup> [SARS-CoV-2] [USA-WA1/2020] [in 1 minute]
- [Effective against] [Disinfects] [Kills] [99.9%] SARS-CoV-2<sup>2</sup> [virus]
- [Effective against] [Disinfects] [Kills] [99.9%] SARS-CoV-2<sup>2</sup> [virus]
- [Effective against] [Disinfects] [Kills] [99.9%] SARS-CoV-2<sup>2</sup> virus, the cause of COVID-19
- [improves labor results by] effectively controls [controlling] malodors.
- is effective at controlling mold and mildew odor on mattresses, pillows and shower curtains. **{Not for Use in California}**
- is effective yet economical.
- is a complete, chemically balanced disinfectant [and sanitizer] [that provides clear use solutions even in the presence of hard water].
- is a [concentrated] [one-step<sup>2</sup>] [Hospital Use] disinfectant<sup>4</sup> 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 a proven "one-step<sup>2</sup>" disinfectant<sup>4</sup> – sanitizer<sup>5</sup> - fungicide - mildewstat - virucide\* which is effective in water up to 250 ppm hardness in the presence of 5% serum contamination when used as directed.
- is a [versatile] disinfectant and sanitizer<sup>5</sup> for hard, non-porous, non-food contact surfaces in Veterinarian, Animal care and Farm Premise applications.
- is an economical concentrate that can be diluted for use with [trigger sprayers], [and or] [pressure sprayers].
- is an effective one-step sanitizer for use on hard, non-porous, non-food contact surfaces when used as directed.

Lonzagard RCS-256

EPA Reg. No. 6836-346

EPA Submission 2022-02-09 REV

- is effective against Enterovirus D68 in 5 minutes at 1:128 dilution [1 oz. per gallon dilution]
- is formulated for use in daily maintenance programs with a balance of detergents and malodor counteractants that deliver effective cleaning, disinfecting and malodor control.
- Kills Cold & Flu Virus\*<sup>2</sup>
- Kills coronavirus<sup>1,2</sup> that causes COVID-19
- [Kills] [Effective against] the virus<sup>1,2</sup> that causes COVID-19
- [Kills] [Eliminates] 99.9% SARS-Related Coronavirus<sup>2</sup> [SARS-CoV-2] [USA-WA1/2020] [causative agent of COVID-19] [the virus that causes COVID-19]
- Kills [eliminates 99.9%] [Destroys] HIV virus in [just] 1 minute [contact time]
- Kills [eliminates 99.9%] [Destroys] flu virus in [just] 1 minute [contact time]
- [Kills] [Eliminates 99.9%] [Removes] [Destroys] (*Insert pathogen or pathogens from lists on pages 11-12*) on [pre-cleaned] environmental surfaces
- [Kills] [Eliminates 99.9%] [Removes] [Destroys] [Germs] [Bacteria] [Viruses\*] [on [pre-cleaned] environmental surfaces]
- Kills Norovirus in 5 minutes at 1:128 dilution [1 oz. per gallon]
- Kills Rotavirus [in 5 minutes]
- Kills the coronavirus<sup>1,2</sup> that causes COVID-19
- Kills the virus<sup>1,2</sup> that causes COVID-19
- Kills [99.9% of] SARS-CoV-2<sup>2</sup>, which causes COVID-19
- leaves a clean fresh scent.
- [Proven to] kill[s] coronavirus<sup>1,2</sup>
- [Proven to] kill[s] the virus<sup>1,2</sup> that causes COVID-19
- Provides [non-food contact] sanitization [eliminates 99.9%] in [just] 15 second[s] [contact time]
- Provides long lasting freshness against tough [pet] odors such as odors from litter boxes and pet accidents.
- Provides Norovirus efficacy in [just] 5 minute[s] [contact time]
- Sanitizes in [just] 15 second[s] [contact time]
- Sanitizes<sup>2</sup> 99.9% of bacteria in 15 seconds
- Sanitizes<sup>2</sup> 99.9% of Staphylococcus aureus and Klebsiella pneumoniae in 15 seconds.
- Saves [Labor] times
- Tested according to AOAC Germicidal Spray Products as Disinfectants test
- Tested according to ASTM Standard Test Method for Efficacy of Sanitizers Recommended for Inanimate Non-Food Contact Surfaces
- Will disinfect, clean and deodorize surfaces in rest rooms and exterior toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause malodors.
- will not leave grit or soap scum.

Cross-contamination is of major housekeeping concern. **Lonzagard RCS-256** has been formulated to aid in the reduction of cross-contamination on treated surfaces not only in hospitals, but in schools, institutions and industry.

This product is effective at controlling mold and mildew on shower curtains.

This product may be applied through low-pressure sprayers.

Use this product to clean, sanitize and disinfectant non-porous ambulance equipment and surfaces. Rinse with clean water all equipment that will come in prolonged contact with skin before reuse.

This product may be used to deodorize coolers, buckets, garbage pails and other areas where strong odors may develop.

[Quickly] Cleans<sup>2</sup> every day kitchen messes.

Cuts through tough grease [and grime].

To disinfect food processing facilities: Spray surfaces with solution and allow to remain visibly wet for visibly 5 minutes. Rinse food contact surfaces with potable water prior to reuse.

Use [on] [to clean and disinfect] non-porous athletic mats, wrestling mats, gymnastic mats, exercise equipment and training tables.

**Lonzagard RCS-256** is a phosphate free, germicidal detergent effective on visibly clean hard, non-porous surfaces found at mushroom farms. **Lonzagard RCS-256** 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, finished floors, storage sheds and casing rings. Use of **Lonzagard RCS-256** must be limited to areas where compost and mushrooms are not present.

**Lonzagard RCS-256** is effective on hard, non-porous surface at 1:256 dilution [1/2 oz. per gallon] tested according to the ASTM Virucidal Efficacy of a Disinfectant for Use on Inanimate Environmental Surfaces method modified in the presence of 250 ppm hard water plus 5% organic serum in 5 minutes against:

Canine Distemper Virus  
Newcastle's Disease Virus

**Lonzagard RCS-256** is effective on hard, non-porous surface at 1:128 dilution [1 oz. per gallon] according to the ASTM Virucidal Efficacy of a Disinfectant for Use on Inanimate Environmental Surfaces method modified in the presence of 250 ppm hard water plus 5% organic serum in 5 minutes against Feline Calicivirus.

**Lonzagard RCS-256** is a mildewstat and will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard, non-porous surfaces.

**Lonzagard RCS-128 Plus** is effective against the following [Carbapenem-resistant Enterobacteriaceae] [CRE]:

- Escherichia coli – NDM-1 positive
  - Klebsiella pneumoniae – NDM-1 positive
- Use **Lonzagard RCS-256**
- 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.
  - as a disinfectant on hard, non-porous, non-food surfaces.
  - in kitchens, bathrooms and other household areas.
  - to clean and disinfect hard, non-porous finished floors, sinks and tubs.
  - with trigger sprayer, pressure sprayers.
  - for non-scratch cleaning of showers and tubs, shower doors and curtains, fixtures and toilet bowl exterior.
  - to clean and disinfect non-porous 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, non-porous surfaces.
  - to clean and disinfect hard, non-porous finished floors.
  - 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.
  - to clean and disinfect non-porous fire fighting bunker / turnout gear; trousers; overcoats, gloves, boots, hoods, helmets, air masks.
  - to clean, sanitize and disinfect non-porous personal protective safety equipment: protective headgear, hard hats, half-mask respirators, full face breathing apparatus, gas masks, goggles, spectacles, face shields, hearing protectors and ear muffs. Rinse all equipment that comes in prolonged contact with skin before reuse with clean warm water (about 120°F), and allow to air dry. (Precaution: Cleaning at 120°F temperature will avoid overheating and distortion of the personal safety equipment which would necessitate replacement).
  - 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, non-porous 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, non-porous surfaces: floors, walls, feed racks, mangers, troughs, automatic feeders, fountains and waterers, forks, shovels, scrapers and other non-porous surfaces in barns, pens, stalls, chutes and other facilities and fixtures occupied or traversed by animals.
- in the laundry to control odors on musty bedding and linens. Test on a small inconspicuous area before using. **{Not for Use in California}**
- on mildew stains in damp areas such as bathrooms, showers, kitchens, basements and laundry rooms.
- in work areas such as tool rooms and garages for odor control and light duty cleaning.
- to remove odors caused by flooding to clean and sanitize tables, chairs, and countertops

**Lonzagard RCS-256** 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 finished floors.<sup>^</sup>

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.

<sup>^</sup>Not for use in California to control musty odors on porous surfaces



{Note to reviewer: below claims require **TO SANITIZE SOFT SURFACES** Directions on page 12}

- [proven] [effective] soft surface spot sanitizer treatment
- [proven] [effective] for use on soft surfaces as a spot treatment
- [proven] [effective] on fabric surface(s) as a spot treatment
- For use as a spot treatment on [soft surfaces] such as [insert from soft surface use sites]
- Cost effective [Concentrate] for use on soft surfaces as a spot treatment
- One step spot sanitizer for soft surfaces
- One step spot sanitizer for fabric surface(s)
- Sanitizes soft surfaces as a spot treatment [in 5 minutes]
- Sanitizes fabric surfaces as a spot treatment [in 5 minutes]
- Is a proven soft surface spot sanitizer treatment against:
  - Staphylococcus aureus, Enterobacter aerogenes

*{Note to Reviewer: These statements for claims against enveloped, large, non-enveloped, and small non-enveloped viruses, shall not appear on marketed (final print) product labels.}*

#### EMERGING VIRAL PATHOGENS

This product qualifies for emerging viral pathogen claims per the EPA's 'Guidance to Registrants: Process for Making Claims Against Emerging Viral Pathogens not on EPA-Registered Disinfectant Labels' when used in accordance with the appropriate use directions indicated below.

This product meets the criteria to make claims against certain emerging viral pathogens from the following viral category[ies]:

- Enveloped Viruses
- Large, non-enveloped virus
- Small, non-enveloped virus

<i>For an emerging viral pathogen that is a/an...</i>	<i>...follow the direction for use for the following organisms on the label:</i>
Enveloped virus	Enterovirus D68 Feline Calicivirus (Norovirus)
Large, non-enveloped virus	Enterovirus D68 Feline Calicivirus (Norovirus)
Small, non-enveloped virus	Enterovirus D68 Feline Calicivirus (Norovirus)

**[Lonzagard RCS-256]** has demonstrated effectiveness against viruses similar to **[name of emerging virus]** on hard, non-porous surfaces. Therefore, **[Lonzagard RCS-256]** can be used against **[name of emerging virus]** when used in accordance with the directions for use against *[name of the supporting virus]* on hard, non-porous surfaces. Refer to the **[CDC or OIE]** website at **[pathogen-specific website address]** for additional information.

OR

**[Name of illness/outbreak]** is caused by **[name of emerging virus]**. **[Lonzagard RCS-256]** kills similar viruses and therefore can be used against **[name of emerging virus]** when used in accordance with the directions for use against *[name of the supporting virus]* on hard, non-porous surfaces. Refer to the **[CDC or OIE]** website at **[website address]** for additional information.

**[AREAS OF USE:]**

Use **Lonzagard RCS-256** in:

*{Note to reviewer: Each entry below also represents a graphic depicting the corresponding area of use. The graphics will only represent individual objects or outsides or insides of buildings as described below. No people, animal or food will be depicted in graphics.}*

Bathroom(s) [Restroom(s)]

Homes [Households]

Kitchens

Clinics

Dental offices

Health Care Facilities

Hospital(s)

Medical Offices

Medical Related facilities

Nursing homes

Sick Rooms

Day care centers

Nurseries

Bars

Cafeterias

Convenience stores

Food processing plants

Food storage areas

Institutional kitchens

Restaurants [Front of House]

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]

Universities

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

Ambulances

Boats

Buses

Campers

Cars

Emergency [Police] [EMS] [Fire] [Rescue] vehicles

Mobile homes

Ships

Taxis

Trailers

Trains

Transportation terminals

**[TYPES OF SURFACES:]**

Use **Lonzagard RCS-256** on washable hard, non-porous surfaces of:

*{Note to reviewer: Each entry below also represents a graphic depicting the corresponding type of surface. No people, animal or food will be depicted in graphics. Only exteriors of microwaves and refrigerators will be depicted. Toy graphics will be submitted to Agency for review.}*

Appliances, exteriors  
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  
Finished Floors  
Foot Spas  
Garbage cans  
Highchairs  
Kennel runs  
Microwave ovens, exteriors  
Outdoor [patio] furniture except cushions and wood frames  
Refrigerators, exteriors  
Refrigerated storage and display equipment<sup>8</sup>  
Showers  
Shower stalls  
[Fiberglass] Shower stalls  
[Fiberglass] Sinks [bathroom] [kitchen]  
Sinks [bathroom] [kitchen]  
Stoves<sup>8</sup> [stovetops<sup>8</sup>]  
Tables, [Non-wooden picnic tables]  
Telephones  
Toilet exterior  
Toilet bowl exterior  
Toilet bowl exterior surfaces  
Tubs [Fiberglass]

Tiles, glazed  
Ultrasonic baths  
Urinals  
Walls  
Whirlpool [bathtubs] [tubs] [units]

Non-critical medical device surfaces:

Beds [Medical] [Hospital]  
Bed frames  
Bed rails  
Crutches  
Defibrillators  
Gurneys  
Non-critical [hospital] [medical] equipment surfaces:  
[Medical] Examining tables  
[Medical] [Hospital] Lamps  
Rescue tools  
Resuscitators  
[Medical] [Hospital] Scales  
Stands  
Stretchers  
Stethoscopes  
Walkers  
Wheel chairs

Other hard, non-porous 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

Use **Lonzagard RCS-256** on soft surfaces of:

Soft (household) surfaces  
Upholstery  
Fabric  
(upholstered) Couches(es), Sofa(es)  
Chair(s), seat cushion(s)  
(upholstered) cushions(s), pillow(s)  
(upholstered) furniture

(fabric) Window treatment(s), Curtain(s),  
Draperies, Shower curtain(s)  
(fabric) (Gym) (Laundry) (diaper)  
Bags, back pack(s)  
(Fabric) Hamper(s)  
(Fabric) (Dog) (Pet) Bedding, Blankets  
(fabric) (upholstered) (car) seat(s)  
(fabric) stuffed animal(s), toy(s)

## [Organisms]

**Lonzagard RCS-256** is a [one-step<sup>2</sup>] [Hospital use] disinfectant<sup>4,5</sup>, Bactericidal tested according to the current AOAC Germicidal Spray Test Method and Virucidal\* tested according to the ASTM Virucidal Efficacy of a Disinfectant for Use on Inanimate Environmental Surfaces method modified in the presence of 250 ppm hard water plus 5% organic serum against:

{or}

**Lonzagard RCS-256** is effective against:

<b>1 MINUTE CONTACT TIME:</b>
[Viruses:] <ul style="list-style-type: none"><li>*HIV-1 [AIDS Virus] [Strain HTLV-III<sub>RF</sub>]</li><li>*Influenza Type A / H3N2 [Influenza] [ATCC VR-544]</li><li>*SARS-Related Coronavirus 2 [SARS-CoV-2] [cause of COVID-19] [strain USA-WA1/2020, Source: BEI Resources, NR-52281]</li></ul>
<b>5 MINUTE CONTACT TIME:</b>
[Bacteria:] <ul style="list-style-type: none"><li>Pseudomonas aeruginosa [Pseudomonas] [ATCC 15442]</li><li>Salmonella enterica [Salmonella] [ATCC 10708]</li><li>Staphylococcus aureus [Staph] [ATCC 6538]</li><li>Acinetobacter baumannii [Acinetobacter] [ATCC 19606]</li><li>Bordetella bronchiseptica [cause of Kennel cough] [ATCC 10580]</li><li>Bordetella pertussis [cause of whooping cough] [ATCC 12743]</li><li>Campylobacter jejuni [Campylobacter] [ATCC 29428]</li><li>Enterococcus faecalis [Enterococcus] [ATCC 11700]</li><li>Enterococcus faecalis - Vancomycin resistant [VRE] [ATCC 51299]</li><li>ESBL Escherichia coli [Extended spectrum beta-lactamase producing E. coli] [CU-209]</li><li>Escherichia coli [E. coli] [ATCC 11229]</li><li>Escherichia coli O157:H7 [ATCC 35150]</li><li>Klebsiella aerogenes [ATCC 13048] at 1:128 dilution [1 oz. per gallon of water]</li><li>Klebsiella pneumoniae [Klebsiella] [ATCC 4352]</li><li>Klebsiella pneumoniae, Carbapenem-resistant [ATCC BAA-1705]</li><li>Listeria monocytogenes [ATCC 19117]</li><li>Proteus vulgaris [ATCC 9920]</li><li>Serratia marcescens [ATCC 274] at 1:128 dilution [1 oz. per gallon of water]</li><li>Shigella dysenteriae [Shigella] [ATCC 11835]</li><li>Shigella flexneri serotype 1B [ATCC 9380]</li><li>Shigella sonnei [ATCC 25931]</li><li>Staphylococcus aureus - Community Associated Methicillin-Resistant [CA-MRSA] (NARSA NRS 384) (USA300)</li><li>Staphylococcus aureus - Community Associated Methicillin-Resistant [CA-MRSA] (NARSA NRS 123) (USA400)</li><li>Staphylococcus aureus - Methicillin-Resistant [MRSA] [ATCC 33592]</li><li>Staphylococcus aureus - Multi-Drug Resistant [ATCC 14154]</li><li>Staphylococcus aureus - Vancomycin Intermediate Resistant – [VISA] [CDC# HIP-5836]</li><li>Streptococcus pyogenes [Strep] [ATCC 12384]</li><li>Vibrio cholerae [ATCC 14035]</li><li>Yersinia enterocolitica [ATCC 23175]</li></ul>
[Viruses:] <ul style="list-style-type: none"><li>*Enterovirus D68 [ATCC VR-561, Strain Fermon] – at 1:128 dilution [1 oz. per gallon of water]</li><li>*Hepatitis B Virus [HBV] [Hepadnavirus Testing, Inc.]</li><li>*Hepatitis C Virus [HCV] [Oregon C24v, Genotype 1, NVSL]</li><li>*Herpes Simplex Virus Type 1 [ATCC VR-733, Strain F(1)]</li><li>*Herpes Simplex Virus Type 2 [ATCC VR-734, Strain G]</li><li>*Human Coronavirus [ATCC VR-740, Strain 229E]</li><li>*[Norwalk Virus] [Norovirus] [Feline Calicivirus] [ATCC VR-782, F-9 strain] – at 1:128 dilution [1 oz. per gallon of water]</li></ul>

<ul style="list-style-type: none"> <li>*Respiratory Syncytial Virus [RSV] [ATCC VR-26, Strain Long]</li> <li>*Rotavirus [Strain WA]</li> <li>*Vaccinia [ATCC VR-119, Strain WR]</li> </ul>
<p>[Animal Viruses:]</p> <ul style="list-style-type: none"> <li>Canine Distemper Virus [ATCC VR-128, Strain Lederle]</li> <li>Newcastle's Disease Virus [ATCC VR-108, B1, Hitchner or Blacksburg strain]</li> <li>Feline Calicivirus [ATCC VR-782, F-9 strain] at 1:128 dilution [1 oz. per gallon of water]</li> </ul>
<p>[Fungi:]</p> <ul style="list-style-type: none"> <li>Candida albicans [ATCC 10231]</li> <li>Trichophyton interdigitale [the Athlete's Foot Fungus] [A cause of Ringworm] [A cause of Ringworm of the foot] [ATCC 9533]</li> </ul>
<p><b>10 MINUTE CONTACT TIME:</b></p>
<p>[Bacteria:]</p> <ul style="list-style-type: none"> <li>Legionella pneumophilia [ATCC 33153]</li> </ul>
<p>[Viruses*:]</p> <ul style="list-style-type: none"> <li>*Adenovirus Type 5 [Adenovirus] [ATCC VR-5] at 2 oz. per gallon</li> <li>*Adenovirus Type 7 [Adenovirus] [ATCC VR-7] at 2 oz. per gallon</li> <li>*SARS Associated Coronavirus [SARS] [cause of Severe Acute Respiratory Syndrome] [CDC Strain 200300592, ZeptoMetrix Corporation]</li> </ul>

*{Note to reviewer: one or more of the following must be used when making sanitizing claims }*

**Lonzagard RCS-256** is a sanitizer for hard, non-porous non-food contact surfaces at 1:256 dilution [1/2 oz. per gallon] tested according to the method for Sanitizers – Non-food Contact surfaces, modified in the presence of 250 ppm hard water plus 5% organic serum in 15 seconds against:

- Klebsiella aerogenes [ATCC 13048]
- Klebsiella pneumoniae [ATCC 4352]
- Listeria monocytogenes [ATCC 9380]
- Staphylococcus aureus [ATCC 6538]
- Staphylococcus aureus–Methicillin-Resistant [MRSA] [ATCC 33592]

**Lonzagard RCS-256** is a non-food contact sanitizer and eliminates 99.9% of Staphylococcus aureus and [ATCC 6538] and Klebsiella pneumoniae [ATCC 4352] in 15 seconds.

**Lonzagard RCS-256** is a sanitizer for soft, non-food contact surfaces at 1:256 dilution [1/2 oz. per gallon] according to the method for Sanitizers Recommended for Soft Non-food Contact surfaces, modified in the presence of 250 ppm hard water plus 5% organic serum in 5 minutes against:

- Klebsiella aerogenes [ATCC 13048]
- Staphylococcus aureus [ATCC 6538]

**Dilution:**

Disinfection [1:256]..... ½ oz. per gallon of water

Disinfection [1:128]..... 1 oz. per gallon of water

Disinfection [1:64]..... 2 oz. per gallon of water

Virucidal:..... ½ -- 1 oz. per gallon of water

Sanitizer [1:256] ..... ½ oz. per gallon of water

*{If the following Spanish statement is used, it must appear directly above DIRECTIONS FOR USE.}*

*Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. [If you do not understand the label, find someone to explain it to you in detail.]*

**DIRECTIONS FOR USE**

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

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 Disinfectant Use-Solution:**

[Add] [mix] ½ oz. per gallon of water [1:256] or [½ -- 1 oz. per gallon of water] or [½ -- 2 oz. per gallon of water].

For heavy duty use, add [mix] 2 oz. per gallon of water [1:64]. [Use 1 oz. per gallon of water to kill Norovirus, Enterobacter aerogenes, Serratia marcescens, and Enterovirus D68.] [Use 2 oz. per gallon of water to kill Adenovirus Type 5 and Type 7].

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

Spray use-solution 6-8 inches from hard, non-porous surfaces, thoroughly wetting surfaces. Treated surfaces must remain visibly wet for 3 minutes. Do not breathe spray.

*{Note to reviewer: if using reduced contact time for HIV-1 and/or Influenza Virus Type A / H3N2 and/or SARS-CoV-2, the following sentence will be required:}* [For disinfection against [HIV-1] [and] [Influenza Virus Type A / H3N2] [and] [SARS-Cov-2], treated surfaces must remain visibly wet for 1 minute.]

*{Note to reviewer: when a product makes claims against Enterovirus and/or Norovirus, the following sentence will be required:}* [For disinfection against [Enterovirus] [and] [Norovirus] [Norwalk virus], treated surfaces must remain visibly wet for 5 minutes.]

*{Note to reviewer: when a product makes claims against Legionella pneumophilia and/or Adenovirus Type 5 and/or Adenovirus Type 7 and/or SARS Associated Coronavirus, the following sentence will be required:}*

[For disinfection against [Legionella pneumophilia] [and] [Adenovirus Type 5] [and] [Adenovirus Type 7] [and] [SARS Associated Coronavirus], treated surfaces must remain visibly wet for 10 minutes.]

Wipe dry with a cloth, sponge or mop or allow to air dry. For visibly soiled areas, a preliminary cleaning is required.

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

### **For use as a One-Step Cleaner and Disinfectant by Electrostatic Spraying<sup>2</sup>:**

Electrostatic spray application is for bactericidal efficacy claims with a 3 minute contact time and 1:256 dilution and virucidal efficacy claims with a 5 minute contact time and 1:128 dilution. This application method is not to be used to treat surfaces for sanitization or fungicidal claims.

- Ensure bystanders and pets are not present in the room during application.
- Clean visibly dirty surfaces prior to spraying.
- Wear a N95 filtering facepiece respirator or half face respirator with a N95 filter and eye protection (goggles, face shield or safety glasses) when spraying.
- Select a spray nozzle that produces spray droplet particles with a volume median diameter (VMD)  $\geq 80$   $\mu\text{m}$ .
- Place the electrostatic spray function in the ON position for electrostatic spray models that have the functionality to toggle ON/OFF.
- Hold the sprayer nozzle 12 inches away from the target surface. Starting at the highest point and working down to the lowest point, spray target surfaces using a smooth methodical "S" pattern. To avoid leaving gaps in sprayed surfaces, overlap previously treated surfaces when moving onto subsequent sections.
- The target surface must remain visibly wet for *{insert contact time}*. Re-apply product as necessary to keep surface visibly wet for the duration of the contact time. Wipe surfaces dry (or rinse) (or allow to air dry).
- Allow the treated room to remain unoccupied for 15 minutes before reentering.

*{Note to reviewer: Only 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 ] *{Note to reviewer: one of the following timeframes must be selected:}* [90 days] [45 days] [30 days] [up to 7 days] [for up to 28 days] [for up to one week] [4 weeks] [5 weeks] [6 weeks] [7 weeks][8 weeks] [9 weeks] [10 weeks] [11 weeks] [12 weeks] [one month] [2 months] [3 months] [4 months] [5 months][6 months] [7 months] [8 months] [9 months] [10 months] [11 months] [12 months] [1 year] [at the indicated bacterial contact time]. 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.

*{or}*

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

**For fungicidal activity: Lonzagard RCS-256** is an effective fungicide against *Trichophyton interdigitale* [the athlete's foot fungus] when used on surfaces in areas such as locker rooms, dressing rooms, shower and bath areas and exercise facilities.

**Lonzagard RCS-256** is a one-step<sup>2</sup> fungicide at  $\frac{1}{2}$  oz. per gallon in 250 ppm hard water and 5% serum.

**For mold and mildew:** At  $\frac{1}{2}$  oz. per gallon *or* [ $\frac{1}{2}$  -- 1 oz. per gallon] *or* [ $\frac{1}{2}$  -- 2 oz. per gallon], **Lonzagard RCS-256** will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard, non-porous surfaces. Follow disinfection instructions. Repeat treatment every seven days, or more often if new growth appears.

*{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 pre-clean 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 SANITIZE SOFT SURFACES:**

[Add] [Mix] [ $\frac{1}{2}$  oz. per gallon of water [1:256]] *or* [ $\frac{1}{2}$  - 1 oz. per gallon of water] *or* [1/2 – 2 oz. per gallon of water]. Apply use-solution with a sprayer. Hold bottle 6" – 8" from surface and spray until fabric is wet. Fabric must remain visibly wet for 5 minutes. Allow fabric to air dry. (Reapply as necessary.) Visibly soiled areas must be cleaned prior to sanitizing.



**FOR USE ON SEALED FINISHED FLOORS:** To limit gloss reduction use **Lonzagard RCS-256** at ½ oz. per gallon [or] [½ -- 1 oz. per gallon]. Spray onto floor at a distance of 6-8 inches from the floor. Allow surface to remain visibly wet for contact time indicated on the label. Wipe or allow to air dry.

**\*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:** Cleanup must always be done wearing protective gloves, gowns, masks and eye protection.

**Cleaning Procedure:** Blood and other body fluids containing HIV-1 or HBV or HCV must be thoroughly cleaned from surfaces and objects before application of **Lonzagard RCS-256**.

**Contact Time:** Leave surface visibly wet for 1 minute [60 seconds] for HIV-1 and 5 minutes for HBV and HCV [with a ½ oz. or [½ -- 1 oz.] or [½ -- 2 oz.] per gallon use-solution.] Use contact time indicated on the label for disinfection against all other viruses, bacteria and fungi claimed.

**Disposal of Infectious Material:** Blood, body fluids, cleaning materials and clothing must be [autoclaved and] disposed of according to local regulations for infectious waste disposal.

**SALON / BARBER INSTRUMENTS AND TOOLS DISINFECTION [BACTERICIDE] / VIRUCIDE / FUNGICIDE DIRECTIONS:**

Mix ½ oz. or [½ -- 2 oz.] of **Lonzagard RCS-256** per gallon of water [1/4 oz. or [1/4-- 1 oz.] of **Lonzagard RCS-256** per 2 quarts of water] to disinfect hard, non-porous instruments and tools. Use 1 oz. per gallon of water to kill Norovirus, Enterobacter aerogenes and Serratia marcescens. Use 2 oz. per gallon of water to kill Adenovirus Type 5 and Type 7. Spray 6-8 inches away from the surface of combs, brushes, plastic rollers, manicure and other salon instruments and tools and allow them remain visibly wet for contact time indicated on the label. For visibly soiled instruments and tools, a preliminary cleaning is required. Rinse thoroughly and dry before use.

**Note:** Stainless steel shears and instruments must be rinsed and dried and kept in a clean, non-contaminated receptacle. Prolonged contact with the disinfectant solution may cause damage to metal instruments.

**VETERINARY PRACTICE / ANIMAL CARE / ANIMAL LABORATORY / ZOOS / PET SHOP / KENNELS  
[VIRUCIDAL\*] DISINFECTION DIRECTIONS:**

For cleaning and disinfecting hard, non-porous surfaces: equipment used for animal food or water, 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 by spraying 6-8 inches away from the surface with a use-solution of ½ oz. or [½ -- 1 oz.] or [½ -- 2 oz.] of **Lonzagard RCS-256** per gallon of water (or equivalent dilution) for contact time indicated on the label. [Use 1 oz. per gallon of water to kill Feline Calicivirus.] [Use 2 oz. per gallon of water to kill Adenovirus Type 5 and Type 7.] Wipe or allow to air dry. Immerse all animal 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. 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, coops, crates and other 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 by spraying 6-8 inches away from the surface with a use-solution of ½ oz. or [½ -- 1 oz.] or [½ -- 2 oz.] of **Lonzagard RCS-256** per gallon of water (or equivalent dilution) for contact time indicated on the label. [Use 1 oz. per gallon of water to kill Feline Calicivirus.] [Use 2 oz. per gallon of water to kill Adenovirus Type 5 and Type 7.] Spray 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, vehicles, 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.

**HATCHERIES:** Use ½ oz. or [½ -- 1 oz.] or [½ -- 2 oz.] of **Lonzagard RCS-256** per gallon of water to treat the following hard, non-porous surfaces: hatchers, setters, trays, racks, carts, sexing tables, delivery trucks and other hard surfaces. Leave all treated surfaces visibly wet contact time indicated on the label. Then allow to air dry.

**VEHICLES:** Treat all vehicles including mats, crates, cabs and wheels with water and **Lonzagard RCS-256**. Use ½ oz. or [½ -- 1 oz.] or [½ -- 2 oz.] of **Lonzagard RCS-256** per gallon of water to treat all vehicles. [Use 1 oz. per gallon of water to kill Norovirus, Enterobacter aerogenes and Serratia marcescens.] [Use 2 oz. per gallon of water to kill Adenovirus Type 5 and Type 7.] Leave all treated surfaces visibly wet for contact time indicated on the label; allow to air dry.

**DRESSING PLANT DISINFECTANT DIRECTIONS:** Disinfect equipment, utensils, walls and floors in poultry and animal dressing plants. Disinfect all 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 ½ oz. or [½ -- 1 oz.] or [½ -- 2 oz.] of **Lonzagard RCS-256** per gallon of water solution. [Use 1 oz. per gallon of water to kill Norovirus, Enterobacter aerogenes and Serratia marcescens.] [Use 2 oz. per gallon of water to kill Adenovirus Type 5 and Type 7]. Scrub to loosen all soils. Surfaces must remain visibly wet for contact time indicated on the label, then thoroughly rinsed with potable water before operations are resumed.

**MUSHROOM FARM PREMISE USE:**

**Site Preparation:** The first step in any on-going sanitation program must be the removal of visible contamination and debris. This may 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 [½ -- 1 oz.] or [½ -- 2 oz.] of **Lonzagard RCS-256** per gallon of water (or equivalent dilution). Apply use solution using a sprayer 6-8 inches away from the surface to thoroughly wet the surfaces. Treated surfaces must be allowed to remain visibly wet for contact time indicated on the label. Wipe or allow to air dry. For visibly soiled areas, preclean first.

**For Heavy Duty Cleaning:** When greater cleaning is desired, use 1 oz. of **Lonzagard RCS-256** per gallon of water. Visibly 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.

**TO SANITIZE NON-FOOD CONTACT SURFACES:**

Spray use-solution 6-8 inches from hard, non-porous surfaces, visibly wetting surfaces. Treated surfaces must remain visibly wet for 15 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 {Not For Use In California}:** Spray 6-8 inches away from the surface precleaned barber / salon instruments and tools (such as combs, brushes, razors, scissors, blades and manicure instruments) using a use-solution of ½ oz. of **Lonzagard RCS-256** per 1 gallon of water (or equivalent dilution) and allow them to remain visibly wet for at least 15 seconds. Rinse thoroughly and dry before use. Prepare a fresh solution daily or more often if solution becomes visibly diluted, cloudy or soiled.

**NOTE:** Plastics require no rinsing. Stainless steel shears and instruments should be rinsed and dried after 15 seconds and kept in a clean non-contaminated receptacle. Prolonged contact with the sanitizing solution may cause damage to metal instruments.

**WATER DAMAGE RESTORATION AGAINST ODOR-CAUSING BACTERIA AND FUNGI FOR HOME, INSTITUTIONAL AND INDUSTRIAL: {NOT FOR USE IN CALIFORNIA}**

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, trim and frame lumber, tackless strip and paneling. Using appropriate dilution, saturate the affected materials with enough product to remain visibly wet for at least 5 minutes.

**Sewer Backup and River Flooding:** During mitigation procedures, dilute ½ -- 1 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, Trim and Frame Lumber, Tackless Strip and Paneling:** For water damage from a clean source, extract excess water. Test hidden area for colorfastness. Dilute ½ -- 1 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 visibly wet for 5 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 motels, hotels and schools. 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 ½ oz. of concentrate per gallon of water. **For truck mounted extraction machines:** Mix ½ -- 1 oz. of concentrate per gallon of water and meter at 4 gallons per hour.

**TO CLEAN AND DEODORIZE:** Mix ½ oz. [of **Lonzagard RCS-256**] per gallon of water or [½ -- 1 per gallon] or [1 – 4 oz. per gallon] to clean and deodorize hard, non-porous, non-food surfaces. Apply using a sprayer. Wipe or allow to air dry.

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.

**DEODORIZING DIRECTIONS:**

**Spray Solutions:** ½ -- 1 oz. per gallon of water eliminates undesirable odors. Allow surfaces to air dry.

**Air Freshener/Automotive Uses:** 2 ounces 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:** ½ -- 1 oz. per gallon of water eliminates odors associated with urine, vomit, smoke, and mildew. Reapply using a spray device after cleaning for freshening effects. Allow to dry.

**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 5 minutes contact time. Then blot with clean cloth. Allow to dry. Also effective on pet bedding and litter boxes.

**Sewage Backup, Water Damage:** 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 ½ -- 1 oz. per gallon of water for cleaning of kitchen counters, tables, walls, bathrooms, toilet seats, floors and large routine applications. Apply to surfaces using trigger spray or other spray device. Remove excess liquid or allow surfaces to air dry.

*{Note to reviewer: For Nonrefillable Containers, Label has Residential Uses}*

## **STORAGE AND DISPOSAL**

Store in original container in areas inaccessible to children. Nonrefillable container. Do not reuse or refill this container. Wrap [container] and put in trash or offer for recycling if available.

*{or}*

Store in original container in areas inaccessible to children. Nonrefillable container. Do not reuse or refill this container. Wrap [container] and put in trash or offer for reconditioning if appropriate.

*{Note to reviewer: For Nonrefillable Containers for commercial, industrial, and institutional uses – all sizes – No Reuse Rinsate Statement for Public Health Use products. Chapter 13, Table 6 of the Label Review Manual states that for “All products in containers that could be burned,” the registrant has the option to “Remain silent on burning;” therefore, no incineration language is provided for plastic containers.}*

## **STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Open dumping is prohibited. Store in original container in areas inaccessible to children.

### **Pesticide Disposal:**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or 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:**

Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying.

**{Plastic and Metal Containers:}** Triple rinse as follows: Fill container  $\frac{1}{4}$  full with water and reclose the container. Agitate vigorously, and dispose of rinsate consistent with pesticide disposal instructions. Repeat two more times. Then offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures approved by state and local authorities. Follow pesticide disposal instructions for rinsate. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations.

**{Metal containers only:}** DO NOT cut or weld metal containers.

**{Bag in Box Containers:}** Completely empty bag into application equipment. Then offer for recycling if available or dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

*{Note to reviewer: For Nonrefillable Sealed Containers: Several packaging options are designed for use dilution systems with sealed containers or bottles to reduce worker exposure to the concentrate. None of these can be triple rinsed because they are closed sealed containers. The following text will be used on these sealed container types:}*

## **STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Open dumping is prohibited. Store in original container in areas inaccessible to children.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or 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:** Nonrefillable container. Do not reuse or refill this container. Wrap empty container and put in trash.

*{Note to reviewer: For Refillable Containers for Household and Residential Use:}*

## **STORAGE AND DISPOSAL**

Store in original container in areas inaccessible to children.

Refillable container. Do not reuse or refill this container except as described in the directions for use. Wrap [container] and put in trash or offer for recycling if available.

*{or}*

Refillable container. Do not reuse or refill this container except as described in the directions for use. Wrap [container] and put in trash or offer for reconditioning if appropriate.

*{Note to reviewer: For Refillable Containers for commercial, industrial, and institutional use:}*

## **STORAGE AND DISPOSAL**

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

### **Pesticide Storage:**

Open dumping is prohibited. Store in original container in areas inaccessible to children.

### **Container Disposal:**

Refillable container. Do not reuse or refill this container except as described in the directions for use.

**{Plastic Containers:}** 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 Containers:}** Triple rinse [or equivalent]. Then offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures approved by state and local authorities.

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### Footnotes:

<sup>1</sup>SARS-Related Coronavirus 2

<sup>2</sup>On hard, non-porous, non-food surfaces

<sup>4</sup>When used according to the disinfection directions.

<sup>5</sup>When used according to the sanitization directions.

<sup>6</sup>Staphylococcus aureus

<sup>7</sup>Pseudomonas aeruginosa

<sup>8</sup>Allow the surface to adjust to room temperature before disinfection.

{[PACKET] [CARTRIDGE] [POD] 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] [CARTRIDGE] [POD] WITH [1 QUART] OF WATER

*Note to reviewer: the following will be used for 1 oz. of concentrate:*  
MIX EACH [PACKET] [CARTRIDGE] [POD] WITH [2 GALLONS] OF WATER

*Note to reviewer: the following will be used for 2 oz. of concentrate:*  
MIX EACH [PACKET] [CARTRIDGE] [POD] WITH [4 GALLONS] OF WATER

*Note to reviewer: the following will be used for 4 oz. of concentrate:*  
MIX EACH [PACKET] [CARTRIDGE] [POD] WITH [8 GALLONS] OF WATER

*{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 8.}*

**LONZAGARD RCS-256**

Active Ingredients:

Octyl decyl dimethyl ammonium chloride.....	6.67%
Diocetyl dimethyl ammonium chloride.....	2.67%
Didecyl dimethyl ammonium chloride.....	4.00%
Alkyl (C <sub>14</sub> , 50%; C <sub>12</sub> , 40%; C <sub>16</sub> , 10%) dimethyl benzyl ammonium chloride .....	8.90%
Other Ingredients: .....	<u>77.76%</u>
Total:.....	100.00%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER [PELIGRO]**

See outer container for Precautionary Statements and Use directions

Disposal: Nonrefillable container. Do not reuse [packet] [cartridge] [pod]. Wrap and put in trash.

EPA Reg. No. 6836-346  
EPA Est. No. (as indicated on container)  
Net Contents: (insert container size here)

Arxada, LLC  
412 Mt. Kemble Avenue, Suite 200S  
Morristown, NJ 07960

**{SECONDARY CONTAINER LABEL}**

*{Note to reviewer: This secondary container label will be used only when the product is diluted at ½ oz. per gallon of water}*

## **LONZAGARD RCS-256**

**Active Ingredients:**

Octyl decyl dimethyl ammonium chloride.....	6.67%
Diocetyl dimethyl ammonium chloride.....	2.67%
Didecyl dimethyl ammonium chloride.....	4.00%
Alkyl (C <sub>14</sub> , 50%; C <sub>12</sub> , 40%; C <sub>16</sub> , 10%) dimethyl benzyl ammonium chloride .....	8.90%
Other Ingredients: .....	<u>77.76%</u>
Total:.....	100.00%

The product in this container is diluted as directed on the pesticide product label.

### **KEEP OUT OF REACH OF CHILDREN**

## **DANGER [PELIGRO]**

#### **PRECAUTIONARY STATEMENTS**

#### **HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER.** Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

Follow the directions for use on the pesticide label when applying this product

EPA Reg. No. 6836-346

EPA Est. No. *(as indicated on container)*

Arxada, LLC

412 Mt. Kemble Avenue, Suite 200S

Morristown, NJ 07960

Diluted product not for sale or distribution.



*{Note to reviewer: The following is considered optional graphics and marketing language.}*

*{Note to reviewer. The following may be used only if the supplemental registrant has obtained a Kosher Certification.}*

[Any Kosher Symbol such as:]



[Kosher]

