



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

June 14, 2022

Jennifer DePietro
Regulatory Assurance Specialist
Arxada
412 Mt. Kemble Ave. Suite 200S
Morristown, NJ 07960

Subject: Label Amendment – update to DfE logo
Product Name: DS-6640
EPA Registration Number: 6836-385
Received Date: 5/24/2022
Action Case Number: 00367945

Dear Jennifer DePietro:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), 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. The DfE logo mark is not an indication of safety. Read and follow all label instructions.

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

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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.

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 me by phone at 202-566-0735 or via email at garvie.heather@epa.gov.

Sincerely,

A handwritten signature in cursive script that reads "Heather A. Garvie".

Heather A. Garvie
Senior Regulatory Advisor
Regulatory Management Branch 2
Antimicrobials Division
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}

DS-6640

ACCEPTED

06/14/2022

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 6836-385

One-Step Ready to Use Disinfectant^{1,2,4}

Disinfectant – Cleaner – Mildewstat - Virucide* - Deodorizer

for Hospitals, Household, Institutional, Commercial and Industrial Use

[Bactericidal against *Pseudomonas aeruginosa*, *Staphylococcus aureus* and *Salmonella enterica* [in 3 minutes⁷]]

[Virucidal against HIV-1, Influenza A Virus/H3N2, and Norovirus]

{Note to reviewer: each scent below may also be represented by a graphic depicting the corresponding scent.}

[Floral] [Fresh] [Clean] [Fresh Splash] [Island Coconut] [Lavender Chill] [Sparkling Zest] [Spring Air] [Scent]
[Fragrance] [Odor] [Unscented] [Fragrance Free]

Active ingredient:

Hydrogen peroxide..... 1.22%

Other ingredients:..... 98.78%

Total..... 100.00%

KEEP OUT OF REACH OF CHILDREN

EPA Reg. No. 6836-385

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

Net Contents (as indicated on container)

[DOT Symbols]

[Country of origin (*insert country*)]

[Manufactured in (*insert country*)]

[Barcode]

[QR Code]

[Price]

Manufactured by:

Arxada, LLC

412 Mount Kemble Avenue

Suite 200S

Morristown, NJ 07960

{Note to Reviewer: Pages 2 – 7 are considered optional marketing language:}

Marketing Claims

{Disinfectant claims} DS-6640 [this product] [is] [a] [an]:

- 3 minute⁷ acting [disinfectant¹] [antimicrobial]
- 3 minute hospital disinfectant^{1,7}
- [Antimicrobial] [Disinfectant] with Hydrogen Peroxide [active ingredient]
- Convenient 3 minute hospital disinfectant^{1,7}
- Disinfects¹ (*insert from approved list of pathogens*) in [just] 3 minutes⁷
- Disinfects in one step¹
- Disinfects surfaces by killing [99.9%] SARS-Related Coronavirus 2 [SARS-CoV-2] [USA-WA1/2020] [in one step] [in 1 minute]^{1,2,4}
- Effective against SARS-Related Coronavirus 2^{2,4} [SARS-CoV-2] [USA-WA1/2020] [in 1 minute]
- [Effective against] [Disinfects] [Kills] [99.9%] SARS-CoV-2^{2,4} [virus] [in 1 minute]
- [Effective against] [Disinfects] [Kills] [99.9%] SARS-CoV-2^{2,4} [virus] [in 1 minute]
- [Effective against] [Disinfects] [Kills] [99.9%] SARS-CoV-2 virus^{2,4}, the cause of COVID-19 [in 1 minute]
- Formulated Hydrogen Peroxide [disinfectant]
- Hard surface² [antimicrobial] [disinfectant]
- Hospital Disinfectant tested using the current AOAC Germicidal Spray Test method in 3 minute[s]⁷ [contact time]
- Hydrogen Peroxide [based]
- Hydrogen peroxide [Antimicrobial] [Disinfectant]
- [Kills] [Effective against] the virus^{2,4,5} that causes COVID-19 [in 1 minute]
- [Kills] [Eliminates] 99.9% SARS-Related Coronavirus^{2,4} [SARS-CoV-2] [USA-WA1/2020] [causative agent of COVID-19] [the virus that causes COVID-19] [in 1 minute]
- [Kills] [Eliminates 99.9%] [Removes] [Destroys] [Germs³] [Bacteria] [Viruses*] on [pre- cleaned] environmental surfaces^{1,2} [in [just] 3 minutes⁷]
- [Kills] [Eliminates 99.9%] [Removes] [Destroys] (*Insert pathogen or pathogens from list on page 4*) on [pre- cleaned] environmental surfaces^{1,2} [in [just] 3 minutes⁷]
- Kills coronavirus^{2,4,5} that causes COVID-19 [in 1 minute]
- Kills the virus^{2,4,5} that causes COVID-19 [in 1 minute]
- Kills the coronavirus^{2,4,5} that causes COVID-19 [in 1 minute]
- Kills [99.9% of] SARS-CoV-2^{2,4}, which causes COVID-19 [in 1 minute]
- Kitchen, Bathroom, Household Disinfectant¹ Cleaner.
- [One-step¹] [Hospital Use] disinfectant¹, cleaner that is effective against a broad spectrum of bacteria and is virucidal* [when used as directed].
- Proven "one-step" disinfectant¹ - cleaner - virucide* which is effective in the presence of 5% serum contamination [in 3 minute(s)⁷] [contact time].
- [Proven to] kill[s] coronavirus^{2,4,5} [in 1 minute]
- [Proven to] kill[s] the virus^{2,4,5} that causes COVID-19 [in 1 minute].
- Provides hospital disinfection¹ in [just] 3 minute(s)⁷ [contact time]
- Virucidal*

{Sanitizer claims for hard, non-porous, non-food surfaces} DS-6640 [this product] [is] [a] [an]:

- 1 minute sanitizer^{2,4}
- Convenient [1 minute] sanitizer^{2,4}
- Sanitizer^{2,4} [against] [Enterobacter aerogenes] [and] [Staphylococcus aureus] in [just] 1 minute
- Provides sanitization^{2,4} in [just] 1 minute [contact time]
- Sanitizer^{2,4} with Hydrogen Peroxide

Free From Claims

- Dye Free {for formulation without dye only}
- Fragrance Free {for formulation without fragrance only}

Cleaning Claims

- Cleaner
- Cleans^{2,4}
- [Convenient] Ready To Use [Formula] [Cleaner]
- Cuts [through] [tough] grease and grime^{2,4}
- Inhibits [the growth of] [mold] [and] [mildew]
- Leaves no sticky residue
- Leaves [your house with] a [*insert fragrance from list*] scent.
- Removes soap scum
- Scrub Free

Odor elimination claims

- Clean and deodorize surfaces^{2,4} in rest rooms and toilet areas, garbage cans and garbage storage areas, and other places where bacterial growth can cause malodors.
- Deodorizer
- Deodorizes [by killing microorganisms that cause offensive odors.]
- [Effective against] [Kills] odor causing bacteria
- [Eliminates][Neutralizes] odors [and freshens]
- Effectively reduces malodors.
- Is formulated for use in daily maintenance programs with a balance of detergents, antimicrobials and malodor counteractants that deliver effective cleaning, disinfecting and malodor control.
- Leaves a clean [*insert fragrance from list*] scent.
- Provides long lasting freshness against tough [pet] odors such as odors from litter boxes and pet accidents.
- Tough on odors

Usages claims

- For homes, Institutional and Industrial Use
- For [indoor] [and] [outdoor] household surfaces²
- For use [away from home] [in public places] [all around the house²]
- Is a [versatile] disinfectant¹ for hard, non-porous contact surfaces
- Multi-purpose
- Multi-surface²

Value claims

- Is effective and economical.
- Saves time [with 3 minute disinfection^{1,7}]

DS-6640 [This product] is a Hospital Disinfectant, tested using the current AOAC Germicidal Spray Test method and to the ASTM Virucidal test method for disinfection on hard, non-porous inanimate surfaces.

{or}

DS-6640 [This product] is effective as a disinfectant against:

30 SECOND CONTACT TIME:
[Viruses:] *Measles Virus [ATCC VR-24, Strain Edmonston]
1 MINUTE CONTACT TIME:
[Viruses:] *SARS-Related Coronavirus 2 [SARS-CoV-2] [cause of COVID-19] [BEI Resources NR-52281]
3 MINUTE CONTACT TIME:
[Bacteria:] <i>Pseudomonas aeruginosa</i> [ATCC 15442] <i>Staphylococcus aureus</i> [ATCC 6538] <i>Salmonella enterica</i> [ATCC 10708] <i>Enterobacter aerogenes</i> [ATCC 13048] <i>Escherichia coli</i> [ATCC 11229] <i>Klebsiella pneumoniae</i> [ATCC 4352] Methicillin Resistant <i>Staphylococcus aureus</i> [MRSA] [ATCC 33592]
[Viruses:] *Adenovirus Type 5 [ATCC VR-5, Strain Adenoid 75] *Herpes Simplex Type 2 Virus [Herpes] [ATCC VR-734, Strain G] *HIV-1 [Strain HTLV-III _B] *Influenza A Virus/H3N2 [Influenza] [ATCC VR-544, Strain A/H3N2/8/68] *Norovirus [ATCC VR-782]
[Animal Viruses:] Feline Calicivirus [ATCC VR-782]
10 MINUTE CONTACT TIME:
[Animal Viruses:] Canine Parvovirus [ATCC VR-2017, Strain Cornell-780916-80]

DS-6640 [this product] is a sanitizer for hard, non-porous (kitchen, bathroom and household) non-food contact surfaces:

1 MINUTE CONTACT TIME:

[Bacteria:]

<i>Enterobacter aerogenes</i>

<i>Staphylococcus aureus</i>

{Note to Reviewer: These statements for claims against large non-enveloped, and/or enveloped emerging viral pathogens shall not appear on marketed (final print) product labels.}

EMERGING VIRAL PATHOGEN STATEMENT

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 categories:

- Enveloped viruses
- Large, non-enveloped viruses

For an emerging viral pathogen that is a/an...	<i>...follow the directions for use for the following organism on the label:</i>
Enveloped virus	Feline Calicivirus, (ATCC VR-782)/ Norovirus
Large, non-enveloped virus	Feline Calicivirus, (ATCC VR-782)/ Norovirus

[DS-6640] [Brand Name] [This Product] has demonstrated effectiveness against viruses similar to [name of emerging virus] on hard, non-porous surfaces. Therefore, [DS-6640] [Brand Name] [This Product] can be used against [name of emerging virus] when used in accordance with the directions for use against Norovirus [Norwalk 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]. [DS-6640] [Brand Name] [This Product] kills similar viruses and therefore can be used against [name of emerging virus] when used in accordance with the directions for use against Norovirus [Norwalk Virus] on hard, non-porous surfaces. Refer to the [CDC or OIE] website at [website address] for additional information.

[AREAS OF USE:]

Use **DS-6640** on hard, non-porous surfaces 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.}

Bathrooms
Homes (households)
Kitchens

Clinics
Dental offices
Health Care Facilities
Hospitals
Medical Offices
Medical Related Facilities
Nursing homes
Sick Rooms

Bars
Cafeterias
Convenience stores
Institutional kitchens
Restaurants

Athletic facilities
Barber shops
Business and office buildings
Camp grounds
Colleges
Correctional facilities
Dressing rooms
Exercise facilities
Factories
Hotels
Institutional facilities
Institutions
Locker rooms

Motels
Playground Equipment
Prisons
Public facilities
Public rest rooms
Schools
Shower and bath areas
Salons (Beauty)

Airplanes
Airports
Ambulances
Boats
Buses
Campers
Cars
Emergency (Police) (EMS) (Fire) (Rescue) vehicles
Mobile homes
Railcars
Taxis
Trailers
Trains
Transportation terminals
Trucks (Box Trucks)
Ships

Day care centers
Nurseries

[TYPES OF SURFACES:]

Use DS-6640 [this product] on washable hard, non-porous, non-food contact 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.}

Exteriors of Appliances
Bathroom fixtures
Bathtubs [Fiberglass]
Cabinets
Cages
Chairs
Coils and drain pans of air conditioning and refrigeration equipment and heat pumps⁶
Conductive flooring
Counters [countertops]
Countertop laminates
Desks
Doorknobs
Exhaust Fans
Fiberglass Sinks, Tubs and Showers
Floors
Garbage cans
Highchairs
Litter Boxes
Microwave oven exteriors
Outdoor furniture
Picnic Tables
Refrigerator exteriors
Showers
Shower Stalls
Sinks [bathroom] [kitchen]
Stoves [Stovetops]⁶
Tables
Telephones
Toilet exteriors
Toilet bowl exteriors
Toilet bowl surfaces
Tubs
Tiles, glazed
Ultrasonic baths
Urinal exteriors
Walls

Non-critical [hospital] [medical] equipment surfaces:

Beds [Medical] [Hospital]
Bed frames
Bed rails
Crutches
Defibrillators
Gurneys
[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 granite
Sealed limestone
Sealed marble
Sealed slate
Sealed stone
Sealed terra cotta
Sealed terrazzo
Stainless steel
Upholstery, vinyl and plastic
Woodwork, finished

Si no sabes el inglés, solicite instrucciones a su supervisor antes de usar el product.

DIRECTIONS FOR USE

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

[**To operate:** Turn nozzle to on position and spray.]

GENERAL CLEANING / DEODORIZING DIRECTIONS:

[Spray] [Apply to] soiled area then wipe clean. Repeat for visibly soiled areas.

DISINFECTION [/ *VIRUCIDAL] DIRECTIONS:

Spray 6 - 8 inches from surface², until surfaces are visibly wet. Do not breathe spray. Treated surfaces must remain visibly wet for 3 minutes. *{Note to reviewer: if using reduced contact time for SARS-CoV-2, the following sentence will be required:}* [For **SARS-CoV-2**, treated surfaces must remain visibly wet for 1 minute.] *{Note to reviewer: if using reduced contact time for Measles Virus, the following sentence will be required:}* [For **Measles Virus**, treated surfaces must remain visibly wet for 30 seconds.] *{Note to reviewer: for products making claims against Canine Parvovirus, the following sentence will be required:}* [For **Canine Parvovirus**, treated surfaces must remain visibly wet for 10 minutes.] Wipe dry with a clean cloth, sponge, mop or towel, or allow to air dry.

MOLD AND MILDEW CONTROL DIRECTIONS:

DS-6640 [This product] effectively inhibits the growth of mold and mildew, and the odors caused by them, when applied to hard, non-porous surfaces. Spray 6 - 8 inches from surface, until surfaces are visibly wet. Do not breathe spray. Allow to air dry on surface. Repeat every [7] [seven] days, or when [mold] [or] [mildew] growth returns.

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

This product is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. (This product may be used to preclean or decontaminate critical or semi-critical medical devices prior to sterilization or high-level disinfection.)

{or}

This product is not for use on medical device surfaces.

NON-ACID TOILET BOWL AND URINAL CLEANER DIRECTIONS:

Apply **DS-6640** [this product] to exposed surfaces including under the rim with a sprayer. Use a [toilet] brush to scrub the bowl. Repeat and allow to remain visibly wet for 1 minute, then flush.

***KILLS HIV ON PRE-CLEANED ENVIRONMENTAL SURFACES² / 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].

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 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 must be thoroughly cleaned from surfaces and objects before application of **DS-6640** [this product].

CONTACT TIME: Leave surface visibly wet for 3 minutes.

DISPOSAL OF INFECTIOUS MATERIALS: 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 TOOLS² DISINFECTION [BACTERICIDE] / [VIRUCIDE* /]

DIRECTIONS:

Spray **DS-6640** [this product] on combs, brushes, plastic rollers, manicure and other salon instruments and tools and allow them remain visibly wet for 3 minutes. 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.

TO SANITIZE AND DEODORIZE NON-FOOD CONTACT SURFACES²: Spray **DS-6640** [this product] until visibly wet. Treated hard, non-porous, non-food surfaces must remain visibly wet for 1 minute. Wipe dry with a clean cloth, sponge, mop or towel, or allow to air dry. For visibly soiled areas, pre-cleaning is required.

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 all surfaces by spraying with **DS-6640** [this product] and allow them to remain visibly wet for 3 minutes [10 minutes for Canine Parvovirus]. 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. Wipe or allow to air dry. 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 surfaces² by spraying with **DS 6640** [this product] and allow them to remain visibly wet for 3 minutes [10 minutes for Canine Parvovirus]. 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. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains and waterers with soap or detergent, and rinse with potable water before reuse. Wipe or allow to air dry. Ventilate treated buildings, vehicles, and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed, set or dried.

HATCHERIES:

Use **DS-6640** [this product] to treat the following hard, non-porous surfaces: hatchers, setters, trays, racks, carts, sexing tables, delivery trucks and other hard surfaces. Saturate all surfaces by spraying with **DS-6640** [this product] and allow them to remain visibly wet for 3 minutes [10 minutes for Canine Parvovirus]. Then allow to air dry.

VEHICLES:

Wash all vehicle surfaces² including mats, crates, cabs and wheels with water and soap or detergent. Saturate all surfaces² by spraying with **DS-6640** [this product] and allow them to remain visibly wet for 3 minutes [10 minutes for Canine Parvovirus]. Then allow to air dry.

DRESSING PLANT DISINFECTANT DIRECTIONS:

Use to 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 visible soils prior to application. Scrub to loosen all soils. Saturate all surfaces² by spraying with **DS-6640** [this product] and allow them to remain visibly wet for 3 minutes [10 minutes for Canine Parvovirus], and then thoroughly rinse with potable water before operations are resumed.

For use as a One-Step Cleaner and Disinfectant by Electrostatic Spraying^{1,2,4}:

Electrostatic spray application is for efficacy claims with a 3 minute contact time. This application method is not to be used to treat surfaces for Canine parvovirus or sanitization claims.

- Consult user manual for electrostatic sprayer before use.
- Ensure bystanders and pets are not present in the room during application.
- Clean visibly soiled surfaces prior to spraying.
- Wear a half face respirator with a chemical specific cartridge and a N95 filter, and eye protection (goggles, face shield or safety glasses) when spraying. Users should evaluate potential exposure concentrations and comply with OSHA guidelines for respirator protection.
- 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 8 - 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 3 minutes. 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.

Refill Directions:

Remove top from empty spray bottle.

Unscrew cap on refill bottle and pour contents directly into empty bottle until full. Replace trigger sprayer. If liquid remains in refill bottle, replace cap. Store for future use. Use product according to label directions.

{Note to reviewer: For Nonrefillable Containers, Ready to Use Household/Residential Use Products}

STORAGE AND DISPOSAL [Nonrefillable containers, household/residential users]

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

Storage:

Store in original container in areas inaccessible to children.

Pesticide Disposal:

Nonrefillable container. Do not reuse or refill this container. If empty: Place in trash or offer for recycling, if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

Container Handling:

Nonrefillable container. Do not reuse or refill this container. Securely wrap original container in several layers of newspaper and discard in trash or offer for recycling if available.

{or}

Nonrefillable container. Do not reuse or refill this container. Wrap [container] and put in trash or offer for recycling if available.

(Note to reviewer: Nonrefillable Containers, Ready-To-Use Products for Commercial/Institutional/Industrial Uses)

STORAGE AND DISPOSAL [Nonrefillable Containers, for Commercial/Institutional/Industrial users]

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

Storage:

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

Pesticide Disposal:

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

{or}

To avoid waste, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

Container Handling:

Nonrefillable container. Do not reuse or refill this container. 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.

{Note to Reviewer: Alternate Directions for Refillable Container - For Containers for Household and Residential Uses}

STORAGE AND DISPOSAL [Refillable containers-Household and Residential Users]

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

Storage:

Store in original container in areas inaccessible to children.

Pesticide Disposal:

To avoid waste, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

Container Handling:

Refillable container. Refill this container with **DS-6640** [this product] only. Do not reuse this container for any other purpose. When discarding, wrap [container] and put in trash or offer for reconditioning if appropriate recycling if available.

{Note to reviewer: Alternate Directions for Refillable containers - For Containers for commercial, industrial, and institutional use.}

STORAGE AND DISPOSAL [Refillable containers - For commercial, industrial, and institutional users.]

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

Storage:

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

Pesticide Disposal:

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

Container Handling:

(For plastic containers less than or equal to 5 gallons:) Refillable container. Refill this container with **DS-6640** [this product] only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. Triple rinse container (or equivalent) promptly after emptying. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

(For plastic containers larger than 5 gallons:) Refillable container. Refill this container with **DS-6640** [this product] only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. Triple rinse container (or equivalent) promptly after emptying. Triple Rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

Footnotes:

¹ When used according to the disinfection directions.

² Hard, non-porous surfaces

³ Kills *Pseudomonas aeruginosa*, *Staphylococcus aureus*, and Norovirus

⁴ Non-food contact surfaces

⁵ SARS-Related Coronavirus 2

⁶ Allow the surface to adjust to room temperature before disinfection.

⁷ 10 minute contact time for Canine parvovirus.

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



(Any Kosher Symbol such as:)

(Kosher)

{Note to reviewer. The following may be used only if the supplemental registrant has applied and qualified for use of the Design for the Environment (DfE) logo on their product. In order to qualify for the DfE logo, the composition of the supplemental registrant's product must be identical to that of Lonza's product, and may include only the following fragrances: Fresh Splash, Island Coconut, Lavender Chill, Sparkling Zest or Spring Air.}



<https://www.epa.gov/pesticide-labels/design-environment-logo-antimicrobial-pesticide-products>

{Note to reviewer: Following is an optional graphic.}

