



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Antimicrobials Division (7510P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

1839-248

Date of Issuance:

12/17/18

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Stepan Spray Disinfectant
Concentrate

Name and Address of Registrant (include ZIP Code):

Ye Lui
Stepan Chemical Company
22 West Frontage Road
Northfield, IL 60093

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

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

Date:

12/17/18

2. You are required to comply with the data requirements described in the DCI or EDSP Orders identified below:

- a. Didecyl Dimethyl Ammonium Chloride GDCI-069149-30869; GDCI-069149-0681

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI or EDSP Order listed above, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>

3. Make the following label changes before you release the product for shipment:

- Revise the EPA Registration Number to read, "EPA Reg. No. 1839-248."

4. Submit one copy of the final printed label for the record before you release the product for shipment.

- B. Because you have opted to add statements pertaining to emerging viral pathogens to your label as described in the August 19, 2016, Guidance to Registrants: Process For Making Claims Against Emerging Viral Pathogens Not On EPA-Registered Disinfectant Labels ("Guidance"), https://www.epa.gov/sites/production/files/2016-09/documents/emerging_viral_pathogen_program_guidance_final_8_19_16_001_0.pdf, you are subject to the following additional terms of registration:

1. You may make statements pertaining to emerging viral pathogens only through the following communications outlets: technical literature distributed exclusively to health care facilities, physicians, nurses and public health officials, "1-800" consumer information services, social media sites and company websites (non-label related). These statements shall not appear on marketed (final print) product labels.
2. Your statements pertaining to emerging viral pathogens must adhere to the format approved on the Agency-accepted master label.
3. You may make statements pertaining to emerging viral pathogens only upon a disease outbreak that meets all the following criteria:
 - a. The causative organism must be a virus that causes an infectious disease that has appeared in a human or animal population in the U.S. for the first time, or that may have existed previously but is rapidly increasing in incidence or geographic range.

- i. For human disease, the outbreak is listed in one of the following Centers for Disease Control (CDC) publications:
 1. CDC Current Outbreak List for “U.S. Based Outbreaks” (www.cdc.gov/outbreaks),
 2. CDC Current Outbreak List for “Outbreaks Affecting International Travelers” with an “Alert” or “Advisory” classification (www.cdc.gov/outbreaks) (also released through the CDC’s Health Alert Network (HAN) notification process)
 3. Healthcare-Associated Infections (HAIs) Outbreaks and Patient Notifications page (www.cdc.gov/hai/outbreaks)
- ii. For animal disease, the outbreak is identified as an infectious disease outbreak in animals within the U.S. on the World Organization for Animal Health (OIE) Weekly Disease Information page (www.oie.int/wahis_2/public/wahid.php/Diseaseinformation/WI).
 - A. The CDC or OIE has identified the taxonomy, including the viral family and/or species, of the pathogen and provides notice to the public of the identity of the emerging virus that is responsible for an infectious disease outbreak. Based on the taxonomy of the outbreak pathogen identified by the CDC or OEI, the pathogen's viral subgroups are: small non-enveloped, large non-enveloped, enveloped.
 - B. The virus can be transmitted via environmental surfaces (non-vector transmission), and environmental surface disinfection has been recommended by the CDC, OIE or EPA to control the spread of the pathogen.
4. You may begin communicating statements pertaining to emerging viral pathogens only upon CDC or OIE’s publication per term 3.a. of an outbreak of an emerging viral pathogen meeting all of the criteria of term 3. You must cease and remove all such non-label communications intended for consumers no later than 24 months after the original publication of the outbreak per term 3.a., unless the Agency issue written guidance to the contrary due to continued public health concerns. The emerging pathogen claim language may remain on the master label.
5. Terms from points 1 through 4 above shall become immediately void and ineffective if registration for use against Rhinovirus Type 39 is suspended or cancelled or no longer meets the criteria for a disinfectant claim (see EPA Product Performance Test Guideline 810.2200). In addition, terms B.1 through B.4 above shall become immediately void and ineffective upon your receipt of evidence of ineffectiveness against any pathogen in a less-resistant Spaulding category.

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 the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. 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) list 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. 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 Compliance.

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If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 06/22/2018

If you have any questions, please contact Karen M. Leavy by phone at (703)-308-6237, or via email at Leavy.Karen@epa.gov.

Enclosure

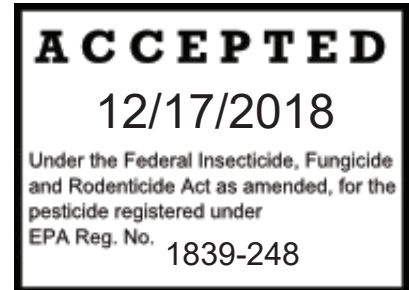
Stepan Spray Disinfectant Concentrate

FRONT PANEL

ACTIVE INGREDIENTS

Didecyl dimethyl ammonium chloride 16.84%
(OTHER) (INERT) INGREDIENTS **83.16%**
Total..... 100.00%

NET CONTENTS(:) XXX (oz)(ounces)(gallon(s))(gal(s))
NET CONTENTS(:) XX (oz)(ounce(s)) (grams) per packet



KEEP OUT OF REACH OF CHILDREN
DANGER

FIRST AID	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
If in Eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on Skin or Clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call poison control center or doctor for treatment advice.
If Swallowed:	<ul style="list-style-type: none"> • Call 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 the poison control center or doctor. Do not give anything by mouth to an unconscious person.
If Inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
(HOTLINE NUMBER) You may contact (xxx) xxx-xxxx for emergency medical treatment information.)	

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

(Note to reviewer: Only one of the following statements is required. Referral to "Directions for Use" is required when directions for use are only found in booklet. Choose applicable statement noted in curly bracket.)

See (side) (back)(s) panel for additional precautionary statements.

or

See booklet for {(complete) (additional)} information (and) (including) (Directions for Use)

FRONT, BACK OR SIDE PANEL

EPA REG. NO. 1839-
 EPA EST. NO. 1839-IL-01 (XXX-XX-XX)

STEPAN COMPANY

22 West Frontage Road, Northfield, IL 60093

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MARKETING CLAIMS

General

- Clean(er)(ing)
- Disinfect(ant)(ing)
- Detergent
- Virucide*
- Tuberculocidal†
- Fungicide [against pathogenic fungi]
- Mildewcide
- Deodorize(r)(s)
- Kills Germs
- Removes Mold & Mildew
- Effective cleaning (strength)(power)
- Concentrate(d)
- Phosphorous free
- Free of phosphates
- Contains no abrasives or bleach
- One-Step Disinfectant, Germicidal Cleaner and Deodorant
- (This product is) a no rinse non-food contact surface disinfectant cleaner that disinfects, cleans and deodorizes in one (easy) (labor saving) step.
- Hospital disinfectant
- Refill(pack)(container)(bottle)(size)
- For Home, Hospital, Institutional, and Industrial Use
- Leaves {insert use site or surface from page 6-9} (smelling) clean and fresh
- This product saves time, labor, and cost.
- This product is an economical concentrate (that can be used with sprayers)
- (Clean)(and)(Disinfect) after spills!
- (Clean)(and)(Disinfect) hard, non-porous surfaces following a spill [(involving bodily fluids) OR (of bodily fluids)]
- An effective (cleaner and disinfectant) following a spill [(involving bodily fluids) OR (of bodily fluids)]
- (Helps) protect (employees)(staff) involved (with)(in) the cleanup of (spills)(spills containing potentially infectious material) spill [(involving bodily fluids) OR (of bodily fluids)]
- (Can be used to)(Helps) (employers)(institutions) comply with OSHA's bloodborne pathogen standard
- Contains supplies needed (for)(to clean up)(x) spill(s)
- (Can be used)(sold) with)(includes): (gloves)(latex gloves)(nitrile gloves)(vinyl gloves)(masks)(face masks)(trigger spray(bottle)(nozzle))([insert product brand name])(scoops)(scoop/scraper)([insert color]disposal bags)(absorbent material)(fluid control solidifier)(shoe covers)(twist ties)(spatula)(paper towels)(disposable towels)(bonded wipes)(wipes)(aprons)(carrying case)(gowns)(goggles)(eye shield with ear loop mask)(bonnet)
- <Note to reviewer> Label may identify X amount of each individual item listed above.
- This product is a no rinse non-food contact surface disinfectant cleaner that disinfects, cleans and deodorizes in one labor saving step.
- Cooling Coils Disinfectant Cleaner
- This product is a (non-abrasive) (one-step) disinfectant cleaner for (small air conditioner) (commercial air handling unit) (HVAC) cooling coils and (refrigeration equipment) (refrigerator) (freezer) evaporation coils. When using this product to disinfect and clean (cooling coils) (evaporation coils), disconnect power to the unit before applying product.
- This product cleans, shines, deodorizes and disinfects all hard non-porous surfaces listed on the

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label. It inhibits the growth of (fungi or mold) and mildew, leaving bathrooms clean and fresh smelling.

- This product will not scratch (showers) (tubs) (shower doors) (fixtures) (and) (toilet bowls).
- For plastic and painted surfaces, spot test on an inconspicuous area before use.
- For best [cleaning][disinfection] results, always test a small inconspicuous area first.

DISINFECTION CLAIMS

- This product, when used as directed, is formulated to disinfect hard, non-porous, environmental surfaces (including) [insert use site or surface from page 6-10]
- This product is for use (in) (on) {insert use site or surface from page 6-10}.
- For Use (in) (on) {insert use site or surface from page 6-10}.
- This product is a (phosphate-free) (bleach-free) formulation designed to provide effective cleaning, deodorizing, and disinfection (for)(of)[insert use site or surface from page 6-9] where housekeeping is of prime importance in reducing cross contamination
- Use this product to (clean) (and) (disinfect) non-porous {insert use site or surface from page 6-10}.
- For large areas such as {insert use site or surface from page 6-10} this product is designed to (clean and disinfect)(provide both general cleaning and disinfecting)
- Disinfects against {insert pathogen from page 11}
- Kills {insert pathogen from page 11}
- (2)(Two) (3) (Three) (5) (Five) minute hospital disinfectant
- Kills 99.9% of Germs
- Meets OSHA Bloodborne Pathogen Standard for HIV, HBV & HCV
- Kills 99.9% of bacteria in (just) (2)(two) (3) (5) minutes
- Kills (99.9%) of Bacteria (Household Bacteria)
- This product is a 2 (3) (5) minute hospital disinfectant (effective in the presence of hard water and organic serum)
- Effective in the presence of 5% serum contamination
- Effective in presence of 250 ppm Hard Water (calculated as CaCO₃)
- Effective in 2 (3) (5) minutes in presence of Hard Water and 5% serum
- This product is a one-step disinfectant that is effective against a broad spectrum of bacteria (is *virucidal (including HIV-1, HCV and HBV))(, and inhibits the growth of (fungi or mold) and mildew and their odors when use as directed.
- (This product is) a broad-spectrum germicidal cleaner and deodorant that is effective at 1:32 (1 ounce per 32 ounces total volume) (equivalent use dilution) in the presence of 250 ppm hard water (calculated as CaCO₃) plus 5% organic blood serum.
- (This product is) tuberculocidal in 5 (10) minutes†
- This product kills the organism that causes tuberculosis†
- Efficacy tests have demonstrated that this product is an effective Bactericide, Fungicide, *Virucide, Tuberculocide and Mildewcide in water up to 250 ppm hardness (as CaCO₃) in the presence of organic soil (5% blood serum).
- Kills HIV-1, HCV and HBV on pre-cleaned environmental surfaces/objects previously soiled with blood/body fluids in health care settings (Hospitals, Nursing Homes) 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 (associated with AIDS), Hepatitis C Virus (HCV) and Hepatitis B Virus (HBV).
- Kills Pandemic 2009 H1N1 Influenza A virus (formerly called swine flu)

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- Efficacy tests have demonstrated that this product is an effective bactericide, fungicide, virucide, tuberculocide, and mildewcide in water up to 250ppm hardness (as CaCO₃) in the presence of organic soil (5% blood serum).
- Kills (Rhinovirus) (Norovirus) in 2 (3) (5) minutes
- Kills Flu Virus
- Kills Rhinovirus, in 2 (3) (5) minutes!

- | |
|--|
| <ul style="list-style-type: none"> • Kills Pandemic 2009 H1N1 Influenza A virus (formerly called swine flu). • Kills Pandemic 2009 H1N1 Influenza A virus. |
|--|

FUNGI / MOLD / MILDEW CLAIMS

- (Inhibits)(vents)(stops) the growth of mold and mildew
- Kills 99.9% of (fungus)(fungi) in (just) 2 (3) (5) minutes[#]
- Removes (mildew)(mildew stains)(mold)(mold stains)
- Kills athlete's foot fungus
- Kills fungus may cause (ringworm)(ringworm of the foot)[#]
- Kills Trichophyton interdigitale (may cause (ringworm)(ringworm of the foot))
- Kills Candida albicans (may cause of thrush)

DEODORIZING & CLEANING CLAIMS

- Deodorizing Formula
- (Easily) Removes Soap Scum
- All Purpose Cleaner
- Eliminates Odors
- Cleans and Deodorizes in One Easy Step
- Cuts (Tough) Grease and Grime (without Scrubbing)
- This product deodorizes areas that are hard to keep (smelling) fresh, such as {insert use site or surface from page 6-10}
- This product deodorizes {insert use site or surface from page 6-10} (,and other areas which are prone to odors caused by microorganisms)
- (When used as directed)This product (deodorizes)(will deodorize) surfaces {insert use site or surface from page 6-10} where bacterial growth can cause malodors.
- (Effective)(powerful)(quick)(superior) cleaning strength
- Can be used with a ((trigger)(low pressure coarse) sprayer)

CLAIM QUALIFIERS

BACTERICIDAL ACTIVITY:

This product is an effective bactericide against Staphylococcus aureus (ATCC 6538), Pseudomonas aeruginosa (ATCC 15442), (and) Salmonella enterica (ATCC 10708),_{and insert bacteria from Microorganism Table on page 11} on hard, non-porous, non-food contact surfaces in 2 (3) (5) minutes.

<<OR>>

Bactericidal in 2 (3) (5) minutes against: {insert bacteria from Microorganism Table on page 11}

***VIRUCIDAL ACTIVITY:**

*Virucidal in 2 (3) (5) minutes against: {insert viruses from Microorganism Table on page 11}

<<OR>>

*Virucidal in 1 minute against: {insert virus with 1 minute contact time from Microorganism Table on page 11}

†TUBERCULOCIDAL ACTIVITY:

Tuberculocidal in (5) (10) minutes against Mycobacterium bovis (BCG) (Mycobacterium tuberculosis) at 20 degrees Centigrade (20°C) when the treated surface is allowed to remain wet for specified time.

<<OR>>

Tuberculocidal against Mycobacterium bovis (BCG) (Mycobacterium tuberculosis) when the treated surface is allowed to remain wet for (5) (10) minutes.

FUNGICIDAL (MILDEWCIDAL):

This product is an effective fungicide against Trichophyton interdigitale and Candida albicans in (2)(3)(5) minutes on hard, non-porous, non-food contact surfaces.

¹ Rinse all equipment that comes in prolonged contact with skin before reuse with clean warm water (about 120°F), and allow to air dry. (Caution: Cleaning at the 120°F temperature will avoid overheating and distortion of the personal safety equipment that would necessitate replacement.)

SURFACES & USE SITES

Not for use as a disinfectant or sanitizer on food contact surfaces.

Product label may list surface or site and/or a graphic depicting the surface/site.

Hard, non-food contact, non-porous surfaces:

Air Conditioning Coils	Flats & Flower Buckets	Personal Protective Safety Equipment ¹
Aluminum	Floors	PET
Ambulance Equipment Surfaces	Folding Tables	Physical Therapy Tables
Appliance Exteriors	Footbath surfaces	Plastic
Athletic Shoe Soles	Formica ®	Plastic Laundry Baskets
Athletic Training Tables	Freezers	Plastic Mattress Covers
Automobile interiors	Full Face Breathing Apparatus ¹	Plastic Rollers
(Bath)tubs	Garbage Handling Equipment	Playground equipment
(Barber)(Salon) tools	Garbage(cans)(pails)	Plexiglas®
Basins	Gas Masks ¹	Plumbing Fixtures
Bassinets	Glass (Surfaces)	Portable & Chemical Toilets
Bathroom Fixtures	Glazed Ceramic Tile	Protective Headgear ¹
Bed Frames	Glazed Porcelain	Racks
Bed Railings	Goggles ¹	Recycling Bins
Benches	Gurneys	Refrigerated Storage & Display Equipment
Bidets	Hair Clippers	Refrigeration Equipment & Heat Pumps
Bins	Half Mask Respirators ¹	Remote Controls
Brass	Hampers	Restroom Fixtures
Cabinets	Hard hats ¹	Scales
Cabs	Hard, non-porous surfaces of cervical collars/neck braces	Scissors
Cages	Helmets	Sealed Foundations
Carts	High Chairs	Sealed Granite
CAT	High Speed Burnished Floors	Sealed Marble
Ceilings	Holding Tanks	Sealed stone
Chains & Moving Process Lines	Hospital Beds	Shelves
Chairs	Ice machines	Shower (doors)(curtains)
Chrome	Industrial Waste Receptacles	Shower Stalls
Chrome plated Intakes	Infant Warmers	Sinks (Basins)
Chutes	Inflatable (Advertising) (Play) Structures	Slit Lamps
Commercial Florist Pots	Kennels	Spine Backboards
Conductive Flooring	Laminate(d) (Surfaces)	Sports Equipment
Conveyors	Latrine Buckets	Stainless Steel ²

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Coolers	Laundry Pails	Stairs
Copper	Lifts	Steps
Counters (Countertops)	Light Lens Covers	Storage Bins
CPR Mannequins	Light Switches	Stretchers
Crates	Litter Boxes	Tables
Cribs	Lockers	Telephones
Crypton Barrier Fabric	Maintenance Equipment	Toilet Bowls
Curing Lights	Manicure/pedicure instruments	Toilet Seats
Cutting Implements	Mats	Toilets
Diaper Changing Stations	Medical Equipment Surfaces	Tools
Diaper Pails	Metal Blinds	Traction Devices
Dental Chairs	Metal ²	Trash barrels
Desks	Microwave external surface	Trash containers
Diaper Pails	Mirrors	Ultrasonic baths
Doorknobs (and pulls)	MRI	Unit Stools
Drinking Fountains	Non-food contact equipment	Urinals
Dumpsters	Non-food contact surfaces of Drinking Fountains	Vanity Tops
Ear Muffs ¹	Non-wood Furniture	Vinyl and Plastic Upholstery
Enameled Surfaces	Obstacle Course Play Equipment	Walls
Exam Tables	Operating Room Lights	Washable Wallpaper
Exercise Equipment	Operating Tables	Washable Walls
Exercise Mats	Optical Instruments	Wheelchairs ²
Exhaust Fans	Outdoor (Patio) Furniture	Wheels
External Vision Correcting Equipment	Oxygen Hoods	Whirlpool Interiors
Face Shields ¹	Paddles	Windows
Faucets	Painted Surfaces	Wrestling Mats
Finished Baseboards & Windowsills	Painted Woodwork	Wrestling/Boxing Gear
Fixtures	Patient Chairs ²	Washable Nail files

Use Sites:

Acute Care Institutions	Elder Care Centers	Ophthalmic/optometric facilities
Airline Terminals	Emergency Rooms	Outpatient Surgical Centers
Airplanes	Emergency Vehicles	Patient Care Rooms
Airports	EMS and Fire Facilities	Penitentiaries
Ambulances	Equine Farms	Performance/theater Centers

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Amphitheaters	Equine Quarters	Pet Animal Quarters
Animal Breeding Facilities	Examination Rooms	Pet Shops
Animal Life Science Laboratories	Exercise Rooms	Pharmaceutical Manufacturing Facilities
Animal pens and stalls	Factories	Photocopy Centers
Animal Quarantine and Holding Areas	Farmhouses	Picnic Facilities
Animal Research Centers	Fast Food Operations	Pizza Parlors
Apartments	Federally Inspected Meat & Poultry Plants	Play Grounds
Art Galleries	Field Houses	Police Cars
Athletic Facilities	Fire Trucks	Police Stations
Attics	Food Processing Plants	Porches
Auto Repair Centers	Food Service Establishment	Post Offices
Automobile	Food Storage Areas	Preschools
Automotive Garages	Foot Spas	Prisons
Autopsy Rooms	Funeral Homes	Public Facilities
Bagel Shops	Garages	Public Places
Bakeries	Garbage Trucks	Public Restrooms
Banks	Gift Shops	Public Transportation
Bars	Gymnasiums Gyms	Radiology Rooms
(Barber)(Beauty)shops	Hair/nail/pedicure Salons	Recovery Rooms
Basements	Health Clubs	Recreation(al) Facilities
Bedrooms	Helicopters	Recycling Centers
Bicycle Shops	Hide and Leather Processing Plants	Restaurants
Biotechnology Firms	Hog Farms	Restrooms (Rest Rooms)
Blood Collection Rooms	Home Healthcare Institutions	Retail (Businesses)(Stores)
Boats	Homes	Retail and Wholesale Establishments
Bookstores	Hospices	RVs
Bowling Alleys	Hospitals ²	Salons
Boxcars	Hotels	Schools
Breakrooms	Household Bathrooms	Seed Houses
(Breeding)(Grooming) Establishments	Household Kitchens	Ships
Brooder Houses	Households	Shopping Malls
Burial Vaults	Housekeeping & Janitorial Rooms	Shopping Terminals
Bus Stations	ICU areas	Shower and Bath Areas
Businesses	Institutional Bathrooms	Shower Rooms
Busses	Institutional Facilities	Sick Rooms
Busses	Institutional Kitchens	Spas
Cadaver Processing Areas	Isolation Wards	Sports Stadiums

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Cadavers		Zoos
Cafeterias	Jails	Supermarkets
Camp Grounds (Equipment)	Kennels	Surgical Centers
Campers	Kennels	SUVs
Cars	Kitchens	Tack Shops
Cars	Kitchens	Tank Trucks
Cellars	Laboratories	Tankers
Chick Vans	Labs	Tanning Spas
Churches	Laundries	Tattoo Parlors
Churches	Laundries	Taverns
Classrooms	Libraries	Taxis
Classrooms	Life Care Retirement Communities	Tobacco plant premises
Coffee Shops	Liquor Stores	Tool Sheds
Colleges	Livestock Farms	Toy Factories
Commercial Florist & Flower shops	Living Rooms	Trailers
Commercial Kitchens	Locker Rooms	Trains
Commercial/institutional/industrial Sites	Lodging Establishments	Transportation Terminals
Community Colleges	Maintenance Vehicles	Travel Rest Areas
Computer Manufacturing Sites	Manufacturing Facilities	Trucks
Condos	Massage Salons	(Turkey)(poultry)(beef)(swine)(cattle) Farms
Convenience (Stores) (Centers)	Mausoleums	Universities
Convenience Stores	Meat Packing Plant	Universities
Correctional Facility	Medical Device Manufacturing Facilities	Vacation Cottages
Cosmetic Manufacturing Facilities	Medical Offices ²	Vacuum Cleaners
Courthouse	Medical Research Facilities ²	Veterinary Clinics
Crime Scenes	Mobile Homes	Video stores
Dairy Farms	Morgues	Vineyards
Day Care Centers	Mortuaries	Waiting Rooms
Delivery Trucks	Motels	Warehouses
Dental Offices ²	Movie houses	Washing Areas
Department Stores	Municipal Government Buildings	Washing Areas
Donut Shops	Museums	Waysides
Dormitories	Nursing Homes ²	Wholesale Stores
Dressing Rooms	Nurseries	Wineries
Egg Processing Plants	Office Buildings	Workstations
Egg Trucks	Operating Rooms ²	X-Ray CAT Labs

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MICROORGANISMS

This product has been tested and found to be efficacious against the following microorganisms on hard, non-porous surfaces:

DISINFECTION		
Bacteria		Contact Time
<i>Enterobacter aerogenes</i>	(ATCC 13048)	2 (3)(5) minutes
<i>Staphylococcus aureus</i>	(ATCC 6538)	2 (3)(5) minutes
<i>Pseudomonas aeruginosa</i>	(ATCC 15442)	2 (3)(5) minutes
<i>Salmonella enterica</i>	(ATCC 10708)	2 (3)(5) minutes
<i>Escherichia coli</i>	(ATCC 11229)	2 (3)(5) minutes
<i>Klebsiella pneumoniae</i> New Delhi metallo-beta-lactamase (NDM-1)	(ATCC BAA-2146)	2 (3)(5) minutes
<i>Streptococcus pyogenes</i>	(Strain MGAS9894, NR-15275)	2 (3)(5) minutes
Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA)	(ATCC 33593)	2 (3)(5) minutes
Vancomycin Resistant <i>Enterococcus faecium</i> (VRE)	(ATCC 51575)	2 (3)(5) minutes
<i>Mycobacterium bovis</i> (BCG)	<i>Mycobacterium bovis</i> (BCG)	5 minutes
Viruses		Contact Time
<i>Virus Enveloped:</i>		
Human Immunodeficiency Virus Type 1, (associated with AIDS)	Strain IIIB (B)	1 (2) (3)(5) minutes
Human Hepatitis B Virus	Strain Grimaud	2 (3)(5) minutes
Duck Hepatitis B Virus (DHBV)		
Human Hepatitis C Virus	Strain NADL	2 (3)(5) minutes
Bovine Viral Diarrhea Virus (BVDV)		
Influenza Virus Type H3N2	A/Hong Kong/8/	1 (2) (3)(5) minutes
<i>Virus Small Non-enveloped</i>		
Human Norovirus	(ATCC VR-782)	2 (3)(5) minutes
Feline calicivirus (caliciviridae)		
Rhinovirus Type 39 (Picornaviridae)	(ATCC VR-340)	2 (3)(5) minutes
Fungi / Mildew		Contact Time
<i>Trichophyton interdigitale</i> (formerly <i>Trichophyton mentagrophytes</i>)	(ATCC 9533)	(2) (3)(5) minutes
<i>Candida albicans</i>	(ATCC 10231)	(2)(3)(5) minutes

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Emerging Viral Pathogen Claims

Product Name -or- 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:

Product Name -or- this product meets the criteria to make claims against certain emerging viral pathogens from the following viral categories:

- Enveloped viruses
- Large non-enveloped viruses
- Small non-enveloped viruses

<i>For an emerging viral pathogen that is a/an...</i>	...follow the directions for use for the following organisms on the label:
Enveloped virus	Rhinovirus Type 39 Feline calicivirus
Large non-enveloped virus	Rhinovirus Type 39 Feline calicivirus
Small non-enveloped virus	Rhinovirus Type 39 Feline calicivirus

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

[Name of illness/outbreak] is caused by **[name of emerging virus]**. **[Product name]** 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 supporting virus(es)]** on **[hard, non-porous surfaces]**. Refer to the **[CDC or OIE]** website at **[website address]** for additional information.

PRECAUTIONARY STATEMENTS

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

KEEP OUT OF REACH OF CHILDREN. CORROSIVE. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. May be fatal if inhaled. Do not breathe spray mist. Wear a NIOSH approved particulate respirator with any N, R, or P filter NIOSH approval number prefix, TC-84A. May be fatal if swallowed or absorbed through skin. Wear goggles or face shield, rubber gloves and protective clothing when handling. Wash thoroughly with soap and water after handling and before eating, drinking, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

(for containers 5 gallons or greater)

ENVIRONMENTAL HAZARDS

This product is toxic to fish, aquatic invertebrates, oysters and shrimp. 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

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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.

Physical or Chemical Hazards
Combustible. Do not use or store near heat or open flame.

STORAGE AND DISPOSAL
 DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.

PESTICIDE STORAGE - Store in a dry place no lower in temperature than 50°F or higher than 120°F.

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 HANDLING - <i>(mandatory language - choose applicable directions)</i>	
<i>For products only with household/residential use sites</i>	Nonrefillable container. Do not reuse this container. Triple rinse or equivalent. Then offer for recycling or reconditioning. If not available, dispose in trash
<i>For products with industrial, institutional, and commercial use sites</i>	Nonrefillable container. Do not reuse this container. Triple rinse or equivalent.
<i>For reuseable container</i>	Container can be reused once the container is empty. Empty container of concentrate into dilution dispenser (specific equipment can be named to replace "dilution dispenser"). Dispenser will automatically dilute a disinfectant solution. Remove concentrate label. Refill container with use-dilution of concentrate from the dispenser. Replace cap with spray nozzle provided. Place correct use dilution label on the spray bottle.
<i>For containers 5 gallons or less</i>	Triple rinse as follows: Fill container ¼ full with water and recap. Agitate vigorously. Follow Pesticide Disposal instruction for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat procedure two more times. Offer for recycling or reconditioning, if available. If not available, puncture and dispose in a sanitary landfill.
<i>For containers greater than 5 gallons</i>	Triple rinse as follows: Fill container ¼ full with water. 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. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Offer for recycling or reconditioning, if available. If not available, puncture and dispose in a sanitary landfill.
Note to reviewer: <i>The one-way opening container language is optional language and not required on the in-commerce label</i>	
<i>For products with industrial, institutional and commercial use sites and containers with a one-way opening for use in automatic dilution/dispensing systems</i>	(For containers 5 gallons or less) Nonrefillable container. Do not reuse or refill this container. When container is empty, replace cap and discard in trash. Offer for recycling if available. (For containers greater than 5 gallons) Nonrefillable container. Do not reuse or refill this container. When container is empty, replace cap and discard in trash. Offer for recycling

(when applicable)

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PACKET DISPOSAL – Do not reuse; discard empty container and put in trash.

DIRECTIONS FOR USE

Note: product packaged in packet form must include Packet Directions for Use in addition to disinfection, fungicide, and cleaning, and/or site/application-specific directions for use.

DIRECTIONS FOR USE

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

(Note to Reviewer: For labels that list medical devices and/or stainless steel surfaces, one of the following FDA/EPA Memorandum of Understanding statements must be used.)

² 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 can 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 (critical) (and) (semi-critical) medical device surfaces.

DEODORIZATION: To deodorize, apply this product as indicated under the heading DISINFECTION (or)

To deodorize, apply this product as indicated under the heading DISINFECTION. For heavy duty deodorization dilute this product at 4 to 8 ounces per gallon (or equivalent dilution) and apply as directed.

Direction for Use for Cleaning: Apply this product to soiled area with a (trigger) sprayer or low pressure coarse sprayer. This product can be diluted at 4 to 8 ounce per gallon (or applied at full strength). Thoroughly wet soiled surface and scrub as necessary.

TO (CLEAN)(REMOVE) MOLD STAINS and MILDEW STAINS: This product can be used at full strength or at a use dilutions from 4 to 8 ounces per gallon of water (or equivalent dilution). Apply full strength or other diluted solution to surface to be cleaned with a hand pump trigger sprayer or low pressure coarse sprayer. Thoroughly wet soiled surface completely and scrub as necessary.

DISINFECTION: To disinfect hard non-porous, non-food contact surfaces add 4 ounces of this product per gallon of water (or equivalent dilution). Apply solution to wet surfaces thoroughly with a ({{mechanical spray device}}{hand pump}{coarse}} trigger spray device). Spray 6-12 inches from surface and allow to remain wet for 2 (3) (5) minutes. Surface can then be rubbed with brush, sponge or cloth. Do not breathe spray mist. For heavily soiled areas, a pre-cleaning step is required.

BACTERICIDAL STABILITY OF USE-SOLUTION: Tests confirm that (this product) when diluted at 4 ounce/gallon in water (via use of automatic dispensing system) remains effective against *Pseudomonas aeruginosa*, *Staphylococcus aureus* and *Salmonella enterica* for (up to 7 days) (up to one week) (up to 14 days) (up to 2 weeks) (up to 21 days) (up to 3 weeks) (up to 30 days) (up to 4 weeks) (up to 1 month) when stored in a sealed container such as a spray bottle at room temperature. If (the product or product name) becomes visibly dirty or contaminated, the use-solution must be discarded and fresh use-solution prepared. Always use clean, properly labeled containers when diluting (this product or product name). Bactericidal stability of the use-solution does not apply to open containers such as buckets or pails.

(or)

Prepare a fresh use-solution daily or more often if the use-solution becomes visibly (dirty), (contaminated) or diluted.

KILL HIV, HBV AND HCV ON PRE-CLEANED HARD, NON-POROUS 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 hard, non-porous 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)}, Hepatitis B Virus (HBV) and Hepatitis C Virus (HCV)

(Required if making an HIV or HBV or HCV claim on the product label)

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

PERSONAL PROTECTION: When handling items soiled with blood or body fluids, use disposable latex gloves, gowns, masks, and eye coverings.

CLEANING PROCEDURES: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of this product.

CONTACT TIME: HIV-1 is inactivated after a (1) (2)(3)(5) minute contact time. HBV is inactivated after a (2)(3)(5) minute contact time. HCV is inactivated after (2)(3)(5) minute contact time. Use a (X) minute contact time for other organisms as stated on the label.

DISPOSAL OF INFECTIOUS MATERIALS: Blood and other body fluids must be autoclaved and disposed of according to local regulations for infectious waste disposal.

FUNGICIDE:

(Fungicide) (Fungicidal Activity): To kill fungi (fungus) add 4 ounces of this product per gallon of water (or equivalent dilution). Apply solution thoroughly wetting surface with a trigger sprayer or low pressure coarse sprayer ({{mechanical spray device} {hand pump}{coarse}} trigger spray device). Spray 6-12 inches from surface and allow to remain wet for 2 (3) (5) minutes. Surface can then be rubbed with brush, sponge or cloth. Do not breathe spray mist. For heavily soiled areas, a pre-cleaning step is required. This product at use dilution should be applied daily or more frequently with heavy facility use.

The following language is required to appear on inserts, hangtags and reference sheets:

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Labeling must be in the possession of the user at the time of using the product. See container label for FIRST AID and PRECAUTIONARY STATEMENTS and complete DIRECTIONS for USE before applying. Use of this product is subject to the precautions and limitations imposed by the label affixed to the container for this product.

The following language is required to appear on the container label:

See (insert) (hangtag) (reference sheet) for (complete) (additional) information.

SITE AND APPLICATION SPECIFIC DIRECTIONS FOR USE

Light Duty Cleaning (Directions): Apply this product to soiled area with a trigger sprayer or low pressure coarse sprayer. This product can be diluted at 4 ounce per gallon or other dilutions up to 6 ounces per gallon. Thoroughly wet soiled surface and scrub as necessary.

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Restaurant Premises (and) (Food Service Establishment) Disinfection [Non-food contact surfaces]:

Before using this product, food products and packaging materials must be removed from the area or carefully protected. Prepare (this product) use-solution by adding 4 ounce per gallon of water (or equivalent dilution). Apply use solution of this product using a trigger sprayer or low pressure coarse sprayer thoroughly wetting surfaces. All treated surfaces exposed to the use-solution must remain wet for (2)(3)(5) minutes then remove excess liquid and rinse food contact surfaces with potable water. This product cannot be used to clean the following food contact surfaces: utensils, glassware and dishes. Surface can then be rubbed with brush, sponge or cloth. For heavily soiled areas, a pre-cleaning step is required.

One-step Cleaning and Disinfection of Toilet Bowls and Urinals above the waterline only(Directions):

Prepare (this product) use-solution by adding 4 ounce per gallon of water (or equivalent dilution). Apply use solution of this product using a trigger sprayer or low pressure coarse sprayer thoroughly wetting surfaces (including under the toilet bowl rim). All treated surfaces exposed to the use-solution must remain wet for (2)(3)(5) minutes and then flush. Surface can then be rubbed with bowl brush, sponge, or swab. Prior to disinfection, remove gross filth or soils from surfaces with bowl brush.

For heavy duty use: Apply 8 ounce per gallon use-solution of this product to exposed surfaces and thoroughly wetting (toilet bowl) (urinal) interior surfaces using trigger sprayer or low pressure coarse sprayer. All treated surfaces exposed to the use-solution must remain wet for (2)(3)(5) minutes and then flush. Surface can then be rubbed with bowl brush, sponge, or swab. ,

TO CLEAN /DISINFECT (WATERFREE)(WATERLESS)(DRY/VACUUM) URINALS: Preliminary cleaning is required for heavily soiled surfaces. Remove and properly dispose of cartridge according to manufacturer's directions. Prepare (this product) use-solution by adding 4 ounce per gallon of water (or equivalent dilution). Clean or disinfect the entire urinal by spraying use-solution directly onto surface. And let solution stand for (2)(3)(5) minutes. Wipe surface to clean. Change cartridge as needed. The unit is ready for use.

<Note to reviewer: *The following Cleaning and Site Preparation statement will be used on all labels with use instructions for Farm premises, Agricultural Premises Equipment/Animal housing facilities)*

Prior to use of this product, remove all animals {poultry} and feeds from [{premises} {areas to be treated}], animal transportation vehicles {trucks, cars}, and enclosures [{coops, crates, kennels, stables}]. Remove all litter, droppings and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other surfaces of facilities and fixtures occupied or traversed by animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean surfaces with soap or detergent and rinse with water. Clean all vehicles including mats, crates, cabs, and wheels with high pressure water.

Veterinary Practice/Animal Care/Animal Laboratory/Zoos/Pet Shop/Kennels Disinfection (Directions):

Remove all animals and feed from premises, animal transportation vehicles, crates, etc. Remove all litter, droppings and manure from floors, walls and surfaces occupied or traversed by animals. Prepare (this product) use-solution by adding 4 ounce per gallon of water (or equivalent dilution). Apply use solution of this product using a trigger sprayer or low pressure coarse sprayer thoroughly wetting surfaces. All treated surfaces exposed to the use-solution must remain wet for (2)(3)(5) minutes. Surface can then be rubbed with brush, sponge or cloth. For heavily soiled areas, a pre-cleaning step is required. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried.

Farm Premise (Poultry) (Hatcheries) (Swine) (Beef) (Cattle) (Dressing Plant) (Vehicles) Cleaning and Site Preparation (Directions):

The first step in any on-going disinfection program must be the removal of gross contamination and debris

from the surfaces to be disinfected. Remove all litter, droppings, and manure from floors, walls and surfaces of stalls, barns, pens, and other surfaces from area to be treated. Once debris is eliminated, thoroughly clean surfaces with soap and water or detergent and rinse with water. Prior to use of this product, remove all animals and feeds from area to be treated. Clean all vehicles including mats, crates, cabs, and wheels with high pressure water.

(Beef)(Cattle) (Poultry) (Hatcheries) (Swine) (Dressing Plant) Premise Disinfection (Directions):

Prepare (this product) use-solution by adding 4 ounce per gallon of water (or equivalent dilution). Apply use solution of this product using a trigger sprayer or low pressure coarse sprayer thoroughly wetting surfaces. All treated surfaces exposed to the use-solution must remain wet for (2)(3)(5) minutes. Surface can then be rubbed with brush, sponge or cloth. For heavily soiled areas, a pre-cleaning step is required. Do not house (animals) (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. Do not use in milking stalls, milking parlors or milk houses.

Vehicles Disinfection (Directions): Prepare (this product) use-solution by adding 4 ounce per gallon of water (or equivalent dilution). Apply use solution of this product using a trigger sprayer or low pressure coarse sprayer thoroughly wetting surfaces. All treated surfaces exposed to the use-solution must remain wet for (2)(3)(5) minutes. Surface can then be rubbed with brush, sponge or cloth. For heavily soiled areas, a pre-cleaning step is required. Vehicle must air dry prior to entering or re-entering the roadway.

Disinfection of Hard Non-Porous Surfaces in Whirlpool Unit(s) (Directions): After using the whirlpool unit drain the tub. Prepare (this product) use-solution by adding 4 ounce per gallon of water (or equivalent dilution). Apply use solution of this product using a trigger sprayer or low pressure coarse sprayer to thoroughly wetting surfaces. All treated surfaces exposed to the use-solution must remain wet for (2)(3)(5) minutes. Surface can then be rubbed with brush, sponge or cloth. For heavily soiled areas, a pre-cleaning step is required. (After the unit has been disinfected rinse cleaned surfaces with fresh water.)

Cleaning and Disinfecting Hard, non-porous surfaces on personal protective equipment (respirators): pre-clean equipment, if heavily soiled to ensure proper surface contact. Prepare a use solution by adding 4 oz of this product per gal. of water (or equivalent use dilution). Gently mix for uniform use solution. Apply the solution to surfaces of the respirator by ({{mechanical spray device}}{hand pump}{coarse}} trigger spray device). Spray 6-8 inches from surface. Do not breathe spray. (Wipe (off)(dry)(with a clean (cloth)(mop)(paper towel)(or sponge)(or)(allow to air dry)). Treated surfaces must remain wet for (2)(3)(5) minutes. Remove excess solution from equipment prior to storage. The user must comply with all OSHA regulations for cleaning respiratory protection equipment (29 CFR §1910.134). Prepare a fresh solution daily or when visibly dirty.

Commercial Florist Use (Directions): To clean, disinfect and deodorize hard non-porous surfaces in one step, remove all leaves, petals, garbage and refuse. Pre-clean surfaces using pressurized water where possible. Prepare (this product) use-solution by adding 4 ounce per gallon of water (or equivalent dilution). Apply use solution of this product using a trigger sprayer or low pressure coarse sprayer to thoroughly wetting surfaces. All treated surfaces exposed to the use-solution must remain wet for (2)(3)(5) minutes. Surface can then be rubbed with brush, sponge or cloth. For heavily soiled areas, a pre-cleaning step is required.

To Control Mold and Mildew on Large, Inflatable, Non-Porous Plastic and Rubber Structures (Directions): Thoroughly clean all surfaces with soap or detergent and rinse with water. Prepare this product use-solution by adding 4 ounce per gallon of water (or equivalent dilution). Apply use solution of this product using a trigger sprayer or low pressure coarse sprayer thoroughly wetting surfaces. All treated surfaces exposed to the use-solution must remain wet for (2)(3)(5) minutes. Surface can then be rubbed with brush, sponge or cloth followed by rinsing treated surfaces with water. For heavily soiled areas, a pre-cleaning step is required.

To control the growth of mold and mildew on non-porous athletic equipment: for use on wrestling and gymnastic mats, athletic mats, exercise equipment, athletic training tables, physical therapy tables, athletic helmets, wrestling/boxing headgear, athletic shoe soles, and other hard, non-porous surfaces. Thoroughly clean surfaces with soap or detergent and rinse with water, prepare a use solution of 4 oz of this product per gal of water (or equivalent use dilution). Apply by ({{mechanical spray device}}{hand pump}){coarse}} trigger spray device). Spray 6-8 inches from surface. Do not breathe spray. Ventilate buildings and other closed spaces. Do not use equipment until treatment has been set or dried. Repeat treatment every seven days, or more often if new growth appears.

(Not for Use in California)

Water and Smoke Damage Restoration Against Odor-Causing Bacteria and Fungi for Institutional, Industrial and Hospital Use (Directions):

Carpets, carpet cushions and other porous materials such as sub floors, drywall, trim and frame lumber, tackless strip and paneling (Directions): For water damage from a clean water source, remove gross filth or heavy soil and extract excess water. Test hidden area for colorfastness. Mix 4 to 6 ounces of this product per gallon of water, allowing for the diluting effect of absorbed water within saturated materials. Apply directly with a trigger sprayer or low pressure coarse sprayer to fully saturate affected materials. Roll, brush or agitate into materials and allow the materials to remain damp for 10 minutes. Follow with a thorough extraction. Dry rapidly and thoroughly.

(Not for Use in California)

Sewer backup & river flooding: During mitigation procedures, remove gross filth or heavy soil along with non-salvageable materials. Dilute 4 to 6 ounces of this product per gallon of water allowing for the diluting effect of absorbed water within saturated materials. Saturate all affected areas with a trigger sprayer or low pressure coarse sprayer, before and after cleaning and extraction.

DILUTION SYSTEM SPECIFIC DIRECTIONS FOR USE

(Automatic Dilution)(Dilution System Name) ((Closed)(Open) Loop): (Concentrated product – dilute before using)

ATTACH this product TO THE AUTOMATIC DILUTION CENTER: Remove cap from product bottle and attach the automatic dilution center. This dispensing system delivers 4 oz. per gallon of water (1:32) use solution.

(OR)

<<System Descriptors:>>

The [Insert Dispensing System Brand Name] (Portable) (Dispensing) (Unit) (Device) (System)

<<Optional Text:>>

(Simple.) (Smart.) (Clever.) (Designed to Dilute.) (Ready-to-Dilute.) (Accurate.) (Reduce product overuse (waste).) (Effective.) (No chemical contact (with concentrate).) (No risk of (product) cross contamination.) (Easy operation.) (Minimal training.) (Durable (during) (use)(transport).) (Effective.) (Sealed bottle.) (Dilution control.) (Portable (concentrate) (dilution).) (Plug and Go.) (Connect and Go.) ({{insert appropriate number}}) (gpm) (gallons per minute) (flow) (fill) (rate).

(Dilution ratio based on product used.)

(This dispensing system delivers (1:32) use solution) (4 oz. (this product) per gallon of water or equivalent dilution)

(!TURN OFF water supply after use and disconnect.)

<<Optional Text:>>

TO FILL SPRAYERS (BUCKETS):

1. Attach (system descriptor) (unit) to water source (using (water) (hose) (and) (or) (quick-connect) (provided))). (Turn on water supply (to pressurize unit).)
2. Pull back (small) (green)({other color}) locking tab from {(off) (representative "off" icon)} notch (with thumb).
3. While holding back tab, use opposite hand to slide (yellow) ({other color}) selector bar to {(spray bottle) (bucket) (representative spray bottle icon) (representative bucket icon)} (position) to dispense product. (The {(faucet)(representative faucet icon)} (position) dispenses water only (for rinsing)).
4. {Note to reviewer: One or both of the following statements will be used}
(For spray bottle(s) (applications):) Insert spray bottle under (dispenser) nozzle.
<<and/or>>
(For bucket(s) (applications):) {(Hold) (Hang)} (dispenser) nozzle (over bucket) (on bucket rim).
5. Push down (red) ({other color}) trigger (to fill spray bottle) (to fill bucket) (for product flow) (into a bottle) (into other container). (Release (red) ({other color}) (trigger) to stop.)
6. (See (online) (service) (instruction) manual (insert) for (more) (detailed) (usage) information.)

TO TRANSPORT:

1. (Pull back (small) (green) ({other color}) locking tab and) slide (yellow) ({other color}) selector bar to {(faucet) (representative faucet icon)} (position). (Unit now dispenses water only (and can be used for rinsing) (by pushing down (red) (other color) trigger).)
2. Turn off water (at the source).
3. (While still in the {(faucet) (representative faucet icon)} (position),) push down (red) ({other color}) trigger to release water pressure. (A small amount of water will be discharged.) (Pressure will be released from the unit.)
4. (Once pressure is released (from the unit),) (pull back (small) (green) ({other color}) locking tab and) slide (yellow) ({other color}) selector bar to {(off) (representative "off" icon)} (position). (Disconnect water hose from unit.) ((Unit) (System Descriptor) is now ready for transport.)

(OR)

Automated Dilution System (Dilution System Name): Remove cap/spray nozzle from empty container. Fill empty container with a newly prepared use-solution. Replace cap/spray nozzle. Place correct use-dilution label on newly filled container.

(OR)

(Insert Dispensing System Brand Name)(Dispensing System):

1. Fill (Insert Brand Name) pouch with cold water to the fill line arrow below the cap.
2. Fold and Squeeze the chemical concentrate to burst inner pouch.
3. Shake the bag to mix chemical fully.
4. Use the push button to fill the bottle.

Once water and concentrate are mixed, 1 gallon (3.8 Liters) of ready to use (disinfecting/cleaning) (disinfecting) solution.

(OR)

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Appropriate metric or imperial unit conversion may be added as optional supplemental information.

Integrated Dispensing System (Name of Integrated Dispensing System) (Control Knob Key) -
Attach to source of potable water with quick connect attachment.



Rotate control knob to (1:32)() for low flow rate applications such as filling trigger spray bottle.

1: 32



Rotate control knob to() for high flow rate applications as filling a mop bucket.

1: 32

Squeeze handle to dispense a 4 oz. per gallon of water (1:32) use solution of product.

(OR)

PACKETS - *Pre-measured tear open packets* – (Simply) (tear) (open and) pour contents (of packet) into x gallons of water (for a 1: 32 dilution). Keep packets in box until ready to use. (Pour contents of packet into x gallons of water for a 1:32 dilution.)

or

Pour contents of (x oz) packet into (x) gallons of water. Keep packets in box until ready to use.

(OR)

INTERMEDIATE SERVICE SOLUTION CONTAINER:

1. Create Intermediate Service Solution by combining (x oz product) (x packet(s)) and x (oz) (gal) water for a (x:x) intermediate dilution.
2. Combine x (oz) of the Intermediate Service Solution and x (oz)(gal) water to achieve the final use dilution of 1:32.
3. Follow Directions for Use for (Disinfection), (Insert applicable use header).

The following language is required for products supplied with supplemental labeling: inserts, hang tags and reference sheets.

The following language is required to appear on inserts, hangtags and reference sheets:

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Labeling must be in the possession of the user at the time of using the product. See container label for FIRST AID and PRECAUTIONARY STATEMENTS and complete DIRECTIONS for USE before applying. Use of this product is subject to the precautions and limitations imposed by the label affixed to the container for this product.

The following language is required to appear on the container label:

See (insert) (hangtag) (reference sheet) for (complete) (additional) information

SECONDARY / SERVICE CONTAINER LABELING

(Note to Reviewer: The following is to be used as a label for a separate, secondary container for use/storage of a 1:32 use solution (or equivalent dilution). Not for use with alternate dilutions)

When this product is diluted in accordance with the directions on this label, the dilution container must bear the following statements:

Stepan Spray Disinfectant Concentrate /Product Brand Name

ACTIVE INGREDIENTS

Didecyl dimethyl ammonium chloride 16.84%

(OTHER)(INERT) INGREDIENTS **83.16%**

Total.....**100.00%**

The product in this container is diluted as directed on the pesticide product label. Follow the directions for use on the pesticide label when applying this product. Further sale or distribution of this product is strictly prohibited.

(Disposal – Do not reuse; discard empty packet by putting in trash)

KEEP OUT OF REACH OF CHILDREN

FIRST AID	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
If in eyes:	- Hold eye open and rinse slowly and gently with water for 15-20 minutes. - Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. - Call a poison control center or doctor for treatment advice.
If on skin or clothing:	- Take off contaminated clothing. - Rinse skin immediately with plenty of water for 15-20 minutes. - Call a poison control center or doctor for treatment advice.
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.
If inhaled:	- Move person to fresh air. - If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. - Call a poison control center or doctor for treatment advice.

CORROSIVE. Causes irreversible skin and eye damage. Do not get in eyes or on clothing. Harmful if swallowed or absorbed through skin or inhaled. Avoid breathing (spray mist). Wear rubber gloves. Wear (specify appropriate protective eyewear such as goggles, face shield, or safety glasses). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

EPA REG. NO. 1839-xx, EPA EST. NO. 1839-IL-01

Stepan Company
22 West Frontage Road • Northfield, IL 60093
(847) 446-7500

NOT FOR INDIVIDUAL SALE

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EPA Reg. No. 1839-
Submitted 06/26/18

Bracketed information is denoted as: { insert as noted }, (optional text), [required qualifier].
The term "this product" used throughout this document may be replaced with the marketed product brand name.
The term "x" is a place holder for numerical digits.
Punctuation and plural/singular word forms may be adjusted to allow for grammatical correctness.
Appropriate metric or imperial unit conversion may be added as optional supplemental information.

PACKET LABEL UNIT PACKAGING

[(1)(x) FLUID OUNCE (FL. OZ.) OR (1)(x) 30 GRAM] PACKET LABEL TO BE USED WITH MASTER CONTAINER LABEL. MIX EACH ((1)(x) FLUID OUNCE (FL. OZ.)) OR (1)(x) 30 GRAM PACKET WITH (31)(x) OUNCES OF WATER TO YIELD A TOTAL OF 32 FLUID OUNCES (1 QUART).

(Note to reviewer: x ounce (grams) packets and corresponding x amount of water will be adjusted to yield equivalent dilution in accordance with directions for use on this label)

**Stepan Spray Disinfectant Concentrate / Product Brand Name
1839-**

Didecyl dimethyl ammonium chloride 16.84%
(OTHER)(INERT) INGREDIENTS..... 83.16%
Total..... 100.00%

**KEEP OUT OF REACH OF CHILDREN
DANGER**

(Note to reviewer: Only one of the following statements is required. Referral to "Directions for Use" is required when directions for use are only found in booklet. Choose applicable statement noted in curly bracket.)

See (side) (back)(s) panel for additional precautionary statements.

or

See booklet for {(complete) (additional)} information (and) (including) (Directions for Use)

(Disposal – Do not reuse; discard empty packet by putting in trash.)

EPA REG. NO. 1839- EPA EST. NO. (1839-IL-01)(xxxx-xx-xxx)

STEPAN COMPANY
22 West Frontage Road • Northfield, IL 60093
(847) 446-7500

NOT FOR INDIVIDUAL SALE

(Pour contents of packet into (gallons)(gal)(fl. oz) of water for a 1:32 dilution.)

NET CONTENTS: xx (fluid ounces)(Fl. Oz.) (grams) per packet

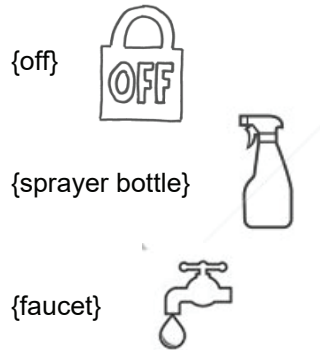
Bracketed information is denoted as: { insert as noted }, (optional text), [required qualifier].
The term "this product" used throughout this document may be replaced with the marketed product brand name.
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GRAPHICS

Automatic Dilution System



(1:32)



Integrated Dispensing System



1:32

Note to Reviewer: The following environmental surfaces, PPE, packaging and/or dispensing systems may be depicted by means of communicating usage.

(packet)

(packet ripped open)

(packet being poured)

(intermediate service solution container)

(spray dispensing container)

(dispensing of product from intermediate service solution container to spray dispensing container)

(sink with faucet)

(work station tub or sink)

(rubber gloves)

(table)

(chair)

(bed frame)

(wall)

(cabinet)

(doorknob)

(garbage can)

(non-wooden picnic table)

(outdoor furniture except cushions and wood frames).

Bracketed information is denoted as: { insert as noted }, (optional text), [required qualifier].

The term "this product" used throughout this document may be replaced with the marketed product brand name.

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(Telephone)
(non-food contact counter tops, equipment, shelves, racks and carts)
(shower stalls)
(shower doors and curtains)
(tubs)
(glazed tiles)
(toilets)
(urinals)
(glazed porcelain tile) and (restroom fixtures).