

1839-83

1/14/2014

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

JAN 14 2014

Mr. Thomas W. Isaac
Senior Regulatory Specialist
Stepan Company
22 W. Frontage Rd.
Northfield, Illinois 60093

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: • **Detergent Disinfectant Pump Spray**
• EPA Registration Number 1839-83
Application Dated October 22, 2013
EPA Received October 23, 2013

Dear Mr. Isaac:

The following amendment submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable.

Proposed Amendment:

- Addition of marketing claim (Easily) removes soap scum

General Comments:

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

The next label printing of this product must use this labeling unless subsequent changes have been approved. You must submit one (1) 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 it's implementing regulation at 40 CFR 152.3.

Should you have any questions or comments concerning this letter, please contact Drusilla Copeland at (703) 308-6224.

Sincerely,

Velma Noble
Product Manager (31)
Regulatory Management Branch I
Antimicrobials Division (7510P)

Enclosure: stamped label

DETERGENT DISINFECTANT PUMP SPRAY

- CLEANER
- DEODORIZER
- DISINFECTANT
- *VIRUCIDE
- *VIRUCIDAL
- BACTERICIDAL
- TUBERCULOCIDAL
- MILDEWSTAT (on hard inanimate surfaces)
- MILDEWSTATIC
- FUNGICIDE (against pathogenic fungi)
- FUNGICIDAL
- Contains no abrasives or bleach
- Contains no phosphates or phosphorous
- All Purpose Cleaner
- Cleans, Disinfects and Deodorizes in One Easy Step
- Orange Scent, Lemon Scent, Fresh Scent, Citrus Scent
- Ready-To-Use (RTU or R-T-U) (Disinfectant Spray)
- Eliminates Odors
- Cleans and Deodorizes in One Easy Step
- Cuts (Tough) Grease and Grime (without Scrubbing)
- Kills 99.9% of Germs
- Kills 99.9% of Bacteria
- Kills 99.9% of Household Bacteria
- Meets OSHA Bloodborne Pathogen Standard for HIV, HBV & HCV
- For Use in Animal Housing Facilities (Poultry (Swine) Housing Facilities) (Public Restrooms) (as a Non-Acid Bowl (& Bathroom) Disinfectant Cleaner)
- Kills Pandemic 2009 H1N1 Influenza A Virus (formerly called swine flu)
- (Easily) Removes Soap Scum

ACTIVE INGREDIENTS

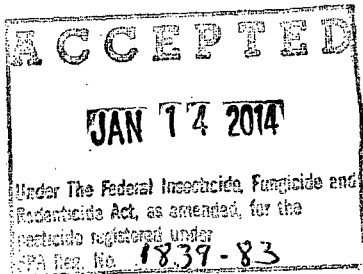
n-Alkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈)
 dimethyl benzyl ammonium chlorides..... 0.105%
 n-Alkyl (68% C₁₂, 32% C₁₄) dimethyl
 ethylbenzyl ammonium chlorides 0.105%

INERT INGREDIENTS 99.790%
 Total 100.000%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side (back) panels for additional precautionary statements (and first aid).



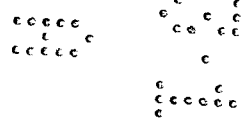
EPA REG. NO. 1839-83
 EPA EST. NO. 1839-IL-01

STEPAN COMPANY
 22 West Frontage Road
 Northfield, IL 60093

NET CONTENTS
 U.S. Patent No. 5,444,094

ergent Disinfectant Pump Spray (or this product or product name) is designed specifically as a general (non-acid) (ready-to-use) (non-abrasive) cleaner and disinfectant for use in homes, hospitals, nursing homes, patient rooms, operating rooms, ICU areas, shower rooms, locker rooms, public restrooms, schools, food processing plants, food service establishments (restaurants) (commercial kitchens), transportation terminals, office buildings, manufacturing facilities, lodging establishments, retail businesses, veterinary clinics, pet shops, animal life science laboratories and athlete/recreational facilities where housekeeping is of prime importance in controlling the hazard of cross contamination. It is formulated to disinfect hard, non-porous, inanimate environmental surfaces: floors, walls, metal surfaces, stainless steel surfaces, glazed porcelain, glazed ceramic tile, plastic surfaces, chrome, brass, copper, laminated surfaces, baked enamel surfaces, bathrooms, shower stalls, bathtubs, and cabinets. **For plastic and painted surfaces, spot test on an inconspicuous area before use.** May be used in the kitchen on counters, sinks, appliances, and stovetops. A rinse with potable water is required for surfaces in direct contact with food. (In addition), (this product or product name) deodorizes those areas that generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, basements, restrooms and other areas which are prone to odors caused by microorganisms.

(This product) (product name) contains no phosphates or phosphorus.



(Additional Claims, Uses & Applications):

- When used as directed, (this product or product name) (contains 2100 ppm of active germicide, making it) (is) highly effective against a wide variety (broad-spectrum) of pathogenic microorganisms (including bacteria, antibiotic resistant bacteria, viruses, fungi, mold and mildew.)
- (This product or product name) is a one-step (hospital-use) germicidal (disinfectant) cleaner and deodorant (odor-counteractant) (odor neutralizer) designed for general cleaning, (and) disinfecting (deodorizing) (and controlling mold and mildew on) (of) hard, non-porous inanimate surfaces. Quickly removes dirt, grime, mold, mildew, food residue, blood and other organic matter commonly found in hospitals (in health care facilities) (on medical surfaces). It (also) eliminates odors leaving (restroom) surfaces smelling clean and fresh. Use where odors are a problem.
- **Animal Housing Facilities (and Poultry and Swine Premises):** (This product or product name) removes dirt, grime, mold, mildew, blood, urine, fecal matter and other common soils found in animal housing facilities, grooming facilities, kennels, pet stores, veterinary clinics, laboratories or other small animal facilities. It (also) eliminates odors leaving surfaces smelling clean and fresh.
- It cleans, disinfects and deodorizes hard, non-porous inanimate surfaces in one step. Its non-abrasive formula is designed for use on (Use daily on) (Use daily to clean and disinfect) hard, non-porous inanimate surfaces: plated or stainless steel, aluminum, chrome, glazed porcelain, glazed tile, laminated surfaces associated with floors, walls, countertops, cages, crates, kennels, and animal equipment found in animal housing facilities.
- **Public Restrooms:** (This product or product name) is a one-step disinfectant cleaner and deodorant (odor-counteractant) (odor-neutralizer) designed for general cleaning, (and) (disinfecting) (deodorizing) (and controlling mold and mildew) on hard, non-porous inanimate surfaces.
- It cleans, disinfects and deodorizes surfaces by killing odor-causing microorganisms and prevents (inhibits) (controls) the growth of mold and mildew. Its non-abrasive formula is designed for use on (restroom surfaces): glazed ceramic (restroom surfaces), glazed porcelain, chrome, stainless steel and plastic surfaces associated with floors, walls, fixtures, toilets, urinals, sinks, shower rooms and locker rooms.
- **Non-Acid Bowl (& Bathroom) Disinfectant Cleaner.** (This product or product name) is (also) a (ready-to-use) non-acid (bowl and) bathroom cleaner that cleans, disinfects and deodorizes in one easy step. It cleans, disinfects and deodorizes toilet bowls, urinals, rims, sinks, sink basins, faucets, tubs, glazed tiles, glazed ceramic, glazed porcelain, chrome, stainless steel, and all non-porous inanimate surfaces found in the bathroom (restroom) (in the presence of organic soil).
- It eliminates odors, leaving bathrooms (restrooms) smelling clean and fresh. Use where odors are a problem. It cleans, disinfects, and deodorizes surfaces by killing odor-causing microorganisms and prevents (inhibits) (controls) the growth of mold and mildew. Its non-abrasive formula is designed for use (Use it daily) on (restroom surfaces): glass, glazed ceramic (restroom surfaces), glazed tile, glazed porcelain, chrome, stainless steel, and plastic surfaces associated with floors, walls, fixtures, toilets, urinals, sinks, shower rooms, and locker rooms.
- **Cooling Coils Disinfectant Cleaner.** (This product or product name) is a (ready-to-use) (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 or product name) to disinfect and clean (cooling coils) (evaporation coils), disconnect power to the unit before applying product. **Follow directions under the DISINFECTION, DEODORIZING AND CLEANING section.**

DIRECTIONS FOR USE

ation of Federal Law to use this product in a manner inconsistent with its labeling.

Labels that list medical premises and metal and/or stainless steel surfaces, one of the following statements must be used:

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.

or

This product is not for use on critical or semi-critical medical device surfaces.

NOTE TO REVIEWER: Mandatory label language when product is supplied in large containers (1 gallon or greater), to be used with refillable pump spray bottles (less than 1 gallon).

Fill or refill the X ozs. (this product or product name) spray bottle with (this product or product name) refill. Pour product into spray bottle over sink or tub basin.

DISINFECTION, DEODORIZING AND CLEANING - Remove gross filth or heavy soil prior to application of the product. Hold container six to eight inches from surface to be treated. Spray area until it is covered with the solution. Allow product to penetrate and the surface to remain wet for **3 minutes** (for Bloodborne Pathogens: allow surface to remain wet for **HIV-1 1 minute** and for **HBV and HCV 5 minutes**). No scrubbing is necessary. Wipe off with a clean cloth, mop or sponge. The product will not leave grit or soap scum.

One-step cleaning and disinfection of toilet bowls and urinals: Remove water from bowl by forcing water over trap with a swab mop applicator. Press swab mop against side of the bowl to remove excess water from applicator. Apply 1 to 2 ounces of (this product or product name) evenly, allowing sufficient time for product to cover entire surface of bowl for maximum cleaning. Swab bowl completely using a scrub brush or toilet mop, making sure to get under the rim. Let stand for **3 minutes** (for Bloodborne Pathogens: allow surface to remain wet for **HIV-1 1 minute** and for **HBV and HCV 5 minutes**) and flush.

To disinfect food processing premises: Before using (this product or product name) food products and packaging materials must be removed or carefully protected. For floors, walls and storage areas, hold container six to eight inches from the surface to be treated and spray area until it is covered with the solution. Allow (product or product name) to penetrate and remain wet for **3 minutes** (for Bloodborne Pathogens: allow surface to remain wet for **HIV-1 1 minute** and for **HBV and HCV 5 minutes**). Wipe off with a clean cloth, mop or sponge and thoroughly rinse all surfaces in the area with potable water. Heavily soiled areas must be pre-cleaned before using this product.

To disinfect food service establishment food contact surfaces: Before using (this product or product name) food products and packaging materials must be removed or carefully protected. For countertops, appliances, tables, hold container six to eight inches from the surface to be treated and spray area until it is covered with the solution. Allow (product or product name) to penetrate and remain wet for **3 minutes** (for Bloodborne Pathogens: allow surface to remain wet for **HIV-1 1 minute** and for **HBV and HCV 5 minutes**). Wipe off with a clean cloth, mop or sponge and thoroughly rinse all surfaces in the area with potable water. Heavily soiled areas must be pre-cleaned before using this product. Do not use on eating utensils, glassware and cookware.

Disinfection of animal quarters and kennels: Before using (this product or product name), remove all animals and feed from premises. Remove all litter and droppings from floors, walls and surfaces of facilities 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. Apply (this product or product name) for disinfection of pre-cleaned animal quarters and kennels. Saturate the surfaces with (this product or product name) for a period of **3 minutes** (for Bovine Viral Diarrhea Virus (BVDV) **5 minutes**) (for Feline Calicivirus and Rabies virus **30 seconds**) (for Canine Parvovirus **10 minutes**). Ventilate building and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. All treated equipment that will contact feed or drinking water must be rinsed with potable water before reuse.

Using approved AOAC test methods (under Good Laboratory Practices, [GLPs]), in the presence of 5% blood serum and a 3 minute contact time, unless otherwise noted, (this product or product name) kills the following organisms on hard non-porous inanimate surfaces:

BACTERICIDAL ACTIVITY (BACTERIA):

- ~~*Pseudomonas aeruginosa*, (ATCC 15442)~~ *Listeria monocytogenes*, (ATCC 35152)
- Staphylococcus aureus*, (ATCC 6538) *Yersinia enterocolitica*, (ATCC 23715)
- Salmonella (choleraesuis) enterica*, (ATCC 10708) *Enterococcus faecium*, (ATCC 6569)
- Escherichia coli*, (ATCC 11229) *Corynebacterium ammoniagenes*, (ATCC 6871)
- Escherichia coli O157:H7*, (ATCC 43895) *Salmonella (typhi) enterica*, (ATCC 6539)
- Streptococcus pyogenes* (Necrotizing Fasciitis-Group A) (V.A. Medical Center Isolate 04001)

ANTIBIOTIC-RESISTANT (STRAINS OF) (ANTIBIOTIC-RESISTANT BACTERICIDAL ACTIVITY):

- Methicillin resistant Staphylococcus aureus* (MRSA), (ATCC 33593)
- Vancomycin resistant Enterococcus faecalis* (VRE), (ATCC 51575)
- Vancomycin intermediate resistant Staphylococcus aureus* (VISA), (CDC Isolate 99287)
- Methicillin resistant Staphylococcus epidermidis* (MRSE), (ATCC 51625)
- Community Associated Methicillin resistant Staphylococcus aureus* (CA-MRSA), (NRS 123) Genotype USA400
- Community Associated Methicillin resistant Staphylococcus aureus* (CA-MRSA), (NRS 384) Genotype USA300

TUBERCULOCIDAL ACTIVITY – (This product or product name) exhibits disinfectant efficacy against *Mycobacterium tuberculosis* BCG (*Mycobacterium bovis*) at 20 degrees Centigrade (20°C) when the treated surface is allowed to remain wet for 5 minutes.

***VIRUCIDAL ACTIVITY** – (This product or product name) kills on hard, non-porous inanimate surfaces when allowed to remain wet for a 10 minute contact time against:

- Canine Parvovirus (ATCC VR-2017)
- Hepatitis A Virus (HAV) (University of Ottawa)
- Poliovirus Type 1 (ATCC VR-1000)

(This product or product name), when used on environmental, inanimate hard surfaces exhibits virucidal activity against: **Hepatitis B Virus (HBV)** (Hepadnavirus Testing, Inc.), **Hepatitis C Virus (HCV)** and **Bovine Viral Diarrhea Virus (BVDV)** (NVSL) when the treated surface is allowed to remain wet for 5 minutes; **Human Coronavirus** (ATCC VR-740), **SARS associated Coronavirus** (ZeptoMetrix), **Avian Influenza A strain H3N2** (ATCC VR-2072) and **Avian Influenza A strain H9N2** (Charles River Laboratories) (Avian Influenza strains H3N2 and H9N2) for 2 minutes; **Paramyxovirus** (Mumps) (ATCC VR-1438), **Rhinovirus type 39** (ATCC VR-340) and **Rotavirus** (University of Ottawa) for 3 minutes; **HIV-1 (associated with AIDS)** (Advanced Biotechnologies, Inc.) for 1 minute (60 seconds); and **Norovirus (Norwalk virus)**, **Feline Calicivirus** (University of Ottawa) and **Rabies Virus** (CDC) for 30 seconds.

(optional statements to appear anywhere on the label)

- Respiratory illnesses attributable to Pandemic 2009 H1N1 are caused by Influenza A virus. This product (Product Name) is a broad-spectrum hard surface disinfectant that has been shown to be effective against (Influenza A virus tested and listed on the label) and is expected to inactivate all Influenza A viruses including Pandemic 2009 H1N1 (formerly called swine flu).
- This product (Product Name) has demonstrated effectiveness against Influenza A virus and is expected to inactivate all Influenza A viruses including Pandemic 2009 H1N1 Influenza A virus.
- This product (Product Name) has demonstrated effectiveness against (Influenza A virus tested and listed on the label) and is expected to inactivate all Influenza A viruses including Pandemic 2009 H1N1 (formerly called swine flu).
- Kills Pandemic 2009 H1N1 Influenza A virus (formerly called swine flu).
- Kills Pandemic 2009 H1N1 Influenza A virus.

(The following statements must be used for Bloodborne Pathogens: HIV-1, HBV and HCV:)

KILLS HIV-1, HBV AND HCV 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 (HIV-1) (associated with AIDS), Hepatitis B Virus (HBV), and Hepatitis C Virus (HCV).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1, HBV and HCV ON 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: Allow surface to remain wet for HBV and HCV **5 minutes**, for HIV-1 **1 minute**. **These contact times will not control other common types of viruses and bacteria.**

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

FUNGICIDAL ACTIVITY – (This product or product name) is fungicidal against the pathogenic fungus, *Trichophyton mentagrophytes* (ATCC 9533) (Athlete's Foot Fungus) (a cause of ringworm) (a cause of ringworm of the foot), when used with a 10 minute contact time on clean, non-porous, hard surfaces as found in bathrooms, shower stalls, locker rooms, or other areas commonly contacted by bare feet.

EFFICACY TESTS HAVE DEMONSTRATED THAT (THIS PRODUCT or PRODUCT NAME) IS AN EFFECTIVE BACTERICIDE, FUNGICIDE, AND VIRUCIDE IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).

MILDEWSTAT - To control mold and mildew on pre-cleaned, hard, non-porous surfaces spray surface to be treated making sure to wet completely. Let air dry. Repeat application at weekly intervals or when mildew growth appears.

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.

7/10

(For household/consumer label use pages 6 & 7)

DIRECTIONS FOR USE

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

General Household Cleaning – Hold container six to eight inches from surface to be treated. Spray (soiled) area to be cleaned then dry with a clean (cloth), (mop), (paper towel) (or) (sponge) or (lint free cloth). No rinsing is necessary).

DISINFECTION, DEODORIZING AND CLEANING – Remove heavy soil prior to the application of this product. Hold container six to eight inches from surface to be treated. Spray area until (it is covered with solution) (wet). Allow the surface to remain wet for **3 minutes** (for Bloodborne Pathogens: allow surface to remain wet for **HIV-1 1 minute** and for **HBV and HCV 5 minutes**). No scrubbing is necessary. Wipe off with a clean (cloth), (mop), (paper towel) (or) (sponge). (The product) (Product name) will not leave grit or soap scum.

When using on food contact surfaces: (counter tops), (stovetops), (highchairs), (kitchen appliances), thoroughly rinse all treated areas with potable water. This product is not to be used to clean eating utensils, glassware and dishes.

(Non-Acid) (Bathroom) Disinfectant Cleaner: (This product or product name) is (also) a (ready-to-use) (non-acid) (bowl and) bathroom cleaner that cleans, disinfects and deodorizes in one easy step. It cleans, disinfects and deodorizes sinks, sink rims, sink basins, faucets, tubs, glazed tiles, glazed ceramic, glazed porcelain, chrome, stainless steel, and all non-porous inanimate surfaces found in the bathroom (in the presence of organic soil).

It eliminates odors, leaving (bathrooms) (restrooms) smelling clean and fresh. It cleans, disinfects, and deodorizes surfaces by killing odor-causing microorganisms and (prevents) (inhibits) (controls) the growth of mold and mildew. (Its non-abrasive formula is designed for use) (Use it daily) on (bathroom surfaces): glass, glazed ceramic, glazed tile, glazed porcelain, chrome, stainless steel, and plastic surfaces associated with floors, walls, fixtures, toilets, urinals, sinks, shower rooms, and locker rooms.

Disinfection of animal quarters and kennels: For disinfection of pre-cleaned animal quarters and kennels, apply (this product or product name). Remove all animals and feed from premises. Remove all litter and droppings from floors, walls and surfaces of facilities 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 the surfaces with the disinfecting solution for a period of **3 minutes** (for Bovine Viral Diarrhea Virus (BVDV) **5 minutes**) (for Feline Calicivirus and Rabies virus **30 seconds**) (for Canine Parvovirus **10 minutes**). Ventilate building and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. All treated equipment that will contact feed or drinking water must be rinsed with potable water before reuse.

Bactericidal Activity – When used as directed, (this product or product name) (kills) (is an effective disinfectant against) the following organisms on hard, non-porous inanimate surfaces: *Pseudomonas aeruginosa* (ATCC 15442), *Staphylococcus aureus* (ATCC 6538), *Salmonella (choleraesuis) enterica* (ATCC 10708), *Escherichia coli* (ATCC 11229), *Escherichia coli O157:H7* (ATCC 43895), *Streptococcus pyogenes* (Necrotizing Fasciitis-Group A) (V.A. Medical Center Isolate 04001), *Listeria monocytogenes* (ATCC 35152), *Yersinia enterocolitica* (ATCC 23715), *Enterococcus faecium* (ATCC 6569), *Corynebacterium ammoniagenes* (ATCC 6871), *Salmonella (typhi) enterica* (ATCC 6539), *Methicillin resistant Staphylococcus aureus (MRSA)* (ATCC 33593), *Vancomycin resistant Enterococcus faecalis (VRE)* (ATCC 51575), *Vancomycin intermediate resistant Staphylococcus aureus (VISA)* (CDC Isolate 99287), *Methicillin resistant Staphylococcus epidermidis (MRSE)* (ATCC 51625), *Community Associated Methicillin resistant Staphylococcus aureus (CA-MRSA)* Genotypes USA400 (NRS 123) and USA300 (NRS 384).

Tuberculocidal Activity - (This product or product name) is an effective disinfectant against Mycobacterium tuberculosis BCG (Mycobacterium bovis) at 20 degrees Centigrade (20C) when treated surface is allowed to remain wet for **5 minutes**.

Virucidal Activity – When used as directed, (this product or product name) (kills) (is an effective virucide against) the following organisms on hard, non-porous inanimate surfaces: **Canine Parvovirus** (ATCC VR-2017), **Hepatitis A Virus** (University of Ottawa) and **Poliovirus Type 1** (ATCC VR-1000) when the treated surface is allowed to remain wet for **10 minutes**; **Hepatitis B Virus (HBV)** (Hepadnavirus Testing, Inc.), **Hepatitis C Virus (HCV)** and **Bovine Viral Diarrhea Virus (BVDV)** (NVSL) for **5 minutes**; **Human Coronavirus** (ATCC VR-740), **SARS associated Coronavirus** (ZeptoMetrix), **Avian Influenza A strain H3N2** (ATCC VR-2072) and **Avian Influenza A strain H9N2** (Charles River laboratories) for **2 minutes**; **Paramyxovirus** (Mumps) (ATCC VR-1438), **Rhinovirus type 39** (ATCC VR-340) and **Rotavirus** (University of Ottawa) for **3 minutes**; **HIV-1 (associated with AIDS)** (Advanced Biotechnologies, Inc.) for **1 minute (60 second)**; and **Norovirus (Norwalk virus)**, **Feline Calicivirus** (University of Ottawa) and **Rabies Virus** (CDC) for **30 seconds**.

Kills Pandemic 2009 H1N1 Influenza A virus

(The following statements must be used for Bloodborne Pathogens: HIV-1, HBV and HCV.)

KILLS HIV-1, HBV AND HCV 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 (HIV-1) (associated with AIDS), Hepatitis B Virus (HBV), and Hepatitis C Virus (HCV).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1, HBV AND HCV ON 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: Allow surface to remain wet for HBV and HCV 5 minutes, for HIV-1 1 minute. These contact times will not control other common types of viruses and bacteria.

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

FUNGICIDAL ACTIVITY – (This product or product name) (kills) (is fungicidal against) (the pathogenic fungus), Trichophyton mentagrophytes (Athlete's Foot Fungus) (a cause of ringworm) (a cause of ringworm of the foot), when used with a 10 minute contact time on clean, non-porous, hard surfaces as found in (bathrooms), (showers), (tubs), (shower stalls), (locker rooms), (or other areas commonly contacted by bare feet).

EFFICACY TESTS HAVE DEMONSTRATED THAT (THIS PRODUCT or PRODUCT NAME) IS AN EFFECTIVE BACTERICIDE, FUNGICIDE, AND VIRUCIDE IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).

MILDEWSTAT – To control mold and mildew on pre-cleaned, hard, non-porous surfaces spray surface to be treated making sure to wet completely. Let air dry. Repeat application at weekly intervals or when mildew growth appears.

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.

9/10

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

KEEP OUT OF REACH OF CHILDREN. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

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 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 the 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 further treatment advice.

(CONTACT NUMBER)

(one of the following statements may be used)

You may contact xxx/xxx-xxxx for emergency medical treatment information.
Questions? Comments or in case of an emergency call toll free: 1-800-xxx-xxxx.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

(Required for products supplied in containers 5 gallons or greater.)

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

(For products only with household/residential use sites)

STORAGE AND DISPOSAL

Store in a dry place no lower in temperature than 50°F or higher than 120°F. Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available.

Container disposal for Refill Spray Bottle: Do not reuse empty spray bottle except with refill bottle, otherwise discard in trash. Do not reuse empty refill bottle. Wrap refill bottle and discard in trash. Offer for recycling, if available.

(For products with industrial, institutional and commercial use sites)

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

(Containers 5 gallons or less)

Triple rinse as follows: Fill container ¼ full with water and recap. Agitate vigorously. Follow Pesticide Disposal instructions 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.

(Containers greater than 5 gallons)

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. Repeat this procedure two more times. Offer for recycling or reconditioning, if available. If not available, puncture and dispose in a sanitary landfill.

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NOTE TO REVIEWER: Mandatory label language when product is supplied in large containers (1 gallon or greater) to be used with refillable pump spray bottles (less than 1 gallon).

Container disposal for Refill Spray Bottle: Do not reuse empty spray bottle except with refill bottle, otherwise discard in trash. Do not reuse empty refill bottle. Wrap refill bottle and discard in trash. Offer for recycling or reconditioning, if available.

NOTE TO REVIEWER: When product is supplied in large containers (1 gallon or greater) to be used with refillable pump spray bottles (less than 1 gallon), the refillable spray bottle can be labeled with the complete refill master container label or the following small package label.

REFILL SPRAY BOTTLE LABEL TO BE USED WITH MASTER CONTAINER LABEL:

DETERGENT DISINFECTANT PUMP SPRAY

ACTIVE INGREDIENTS:

Alkyl (60% C ₁₄ , 30% C ₁₆ , 5% C ₁₂ , 5% C ₁₈)	
dimethyl benzyl ammonium chlorides	0.105%
Alkyl (68% C ₁₂ , 32% C ₁₄)	
dimethyl ethylbenzyl ammonium chlorides.....	0.105%
INERT INGREDIENTS:	<u>99.790%</u>

TOTAL	100.000%
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**KEEP OUT OF REACH OF CHILDREN
CAUTION**

SEE REFILL (CONTAINER, DRUM, BOTTLE) FOR PRECAUTIONARY STATEMENTS AND USE DIRECTIONS

DISPOSAL: Do not refill empty spray bottle with any product other than product from the labeled refill (container, drum, bottle).
When refill spray bottle is no longer in use, wrap it and discard in trash.

EPA Reg. No. 1839-83
EPA Est. No. 1839-IL-1

NET CONTENTS: (X) FLUID OZ.

STEPAN COMPANY
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Northfield, IL 60093