



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

October 5, 2022

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Amanda Burwell|
Regulatory Specialist, Team Leader for,
Stepan Company
Electronic Transmittal: [Amanda.Burwell@stepan.com]

Subject: Notification per PRN 98-10 – Label Notification
Product Name: Veterinarian Type Disinfectant
EPA Registration Number: 1839-100 Received
Date: August 9, 2022
Action Case Number: 00384531

Dear Ms. Burwell:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

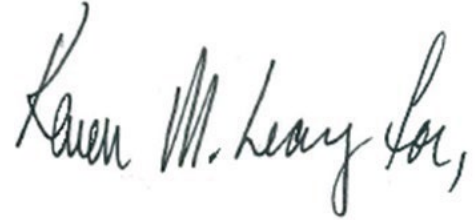
The label submitted with the application has been stamped “Notification” and will be placed in our records.

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) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Assurance.

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EPA Reg. No. 1839-100
Action Case Number: 00384531

If you have any questions, you may contact Karen M. Leavy at (202)-566-0668 or via email at Leavy.Karen@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "Karen M. Leavy Esq,". The signature is written in a cursive style with a large initial 'K' and a trailing flourish.

Tara Flint
Acting Product Manager 31
Regulatory Management Branch I
Antimicrobials Division (7510P)
Office of Pesticide Programs

Veterinarian Type Disinfectant

FRONT PANEL

ACTIVE INGREDIENTS

n-Alkyl (60% C ₁₄ , 30% C ₁₆ , 5% C ₁₂ , 5% C ₁₈)	
dimethyl benzyl ammonium chlorides	4.5%
n-Alkyl (68% C ₁₂ , 32% C ₁₄)	
dimethyl ethylbenzyl ammonium chlorides	4.5%

INERT(OTHER) INGREDIENTS	91.0%
Total	100.0%

NOTIFICATION

1839-100

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

10/05/2022

KEEP OUT OF REACH OF CHILDREN

DANGER

{Note to Reviewer: Except where noted in accordance with 40 CFR 156.68(d), the following first aid statements, as prescribed, will appear on the front panel of the product label.}

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.

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

See (side) (back) (left) (right) (booklet) (insert) panel(s) for additional (precautionary statements) (and) (directions for use).

{Note to the reviewer: For product packaged in Small Outer Container, where space does not feasibly allow (less than 12 square inches for front panel) the following statement may be used: See [{inside} {left} {back} {side} {right} {insert} {panel} {of label} {below}] for {additional} {precautionary statements} {and} {or} {first aid}}.

FRONT, BACK OR SIDE PANEL

EPA REG. NO. 1839-100

EPA EST. NO. (as indicated on container) (Lot code may designate establishment number.)

NET CONTENTS(:) XXX (FL OZ)(PT)(QT)(GAL)(mL)(L)

STEPAN COMPANY

22 West Frontage Road

Northfield, IL 60093

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 absorbed through skin. Harmful if swallowed. Wear goggles or face shield, rubber gloves, and protective clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash before reuse.

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.
<Optional> (HOTLINE NUMBER You may contact (xxx) xxx-xxxx for emergency medical treatment information.)	

(The following statement is required for products supplied in 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 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.

MICRO-ORGANISMS

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

DISINFECTION		
Bacteria	Strain ID	Contact Time
Pseudomonas aeruginosa	15442	10 minutes
Escherichia coli	11229	10 minutes
Klebsiella pneumoniae	4352	10 minutes
Salmonella schottmuelleri	8759	10 minutes
Salmonella enterica	10708	10 minutes
Streptococcus faecalis	10541	10 minutes
Shigella dysenteriae	12180	10 minutes
Klebsiella aerogenes	13048	10 minutes
Staphylococcus aureus	6538	10 minutes
Bordetella bronchiseptica	19395	10 minutes (4 fl. oz/gal)
Viruses		
Canine Distemper Virus	ATCC VR-128	10 minutes
Pseudorabies Virus	ATCC VR-135	10 minutes
Bovine Viral Diarrhea Virus (BVDV)	American BioResearch Laboratories	10 minutes
Feline Calicivirus (FCV)	University of Ottawa	10 minutes
Herpes Simplex Virus Type 1	Sabin (WI-38)	10 minutes
Influenza A ₂ Virus	ATCC VR-100	10 minutes
Adenovirus Type 2	Gibraltar Labs (H Ep. 2)	10 minutes
Norovirus (Norwalk Virus)	University of Ottawa	10 minutes
Pandemic 2009 H1N1 Influenza A Virus	ATCC VR-1469	10 minutes
Vaccinia Virus	Wyeth (WI-39)	10 minutes
Canine Parvovirus	CPV-2B/Eu	10 minutes (4 fl. oz/gal)
Canine Adenovirus	American BioResearch Laboratories	10 minutes (4 fl. oz/gal)
Canine Coronavirus	American BioResearch Laboratories	10 minutes (4 fl. oz/gal)
Canine Parainfluenza Virus	CPI/PI2	10 minutes (4 fl. oz/gal)
Feline Panleukopenia Virus	American BioResearch Laboratories	10 minutes (4 fl. oz/gal)

Feline Rhinotracheitis Virus	American BioResearch Laboratories	10 minutes (4 fl. oz/gal)
Feline Coronavirus	American BioResearch Laboratories	10 minutes (4 fl. oz/gal)
Feline Picornavirus	ATCC VR-653	10 minutes (4 fl. oz/gal)
Porcine Parvovirus	American BioResearch Laboratories/VMRD	10 minutes (4 fl. oz/gal)
Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2)	USA-WA1/2020 BEI NR-52281	1 minute

SURFACES & USE SITES

[Note to Reviewer: Multiple locations/hard, non-porous surfaces can be chosen and used in any order from SURFACES & USE SITES Table. In the case where one or more location/hard, non-porous surfaces is chosen, an "and" "&" "or" may be used to link locations/surfaces.]

Hard, non-porous surfaces:

Animal (Washing) (Grooming) Areas	Formica®	Plastic (Upholstery)
Cabinets	Furniture	Sink(s) ¹ (Tops) (Basins)
Chairs	Garbage(cans)(pails)	Stainless Steel ¹
Chrome	Glass ¹	(Veterinary) (Exam)(ination) (X-Ray) (Operating)Tables
Desks	Glazed (Porcelain) (Ceramic) (Tile)(s)	Telephone(s) (Receivers) (Keypads)
Door knobs (and pulls)	Granite	Toilet Bowl(s) (Surfaces)
Enameled Surfaces	Lifts	Urinals
Faucets	Marble	Vinyl (Upholstery)
Feeding and Watering Equipment	Metal	(Washable) Walls
(Conductive) Floor(s)(ing)	Painted Woodwork	

Use Sites:

(Other) Animal (Care) (Facilities) (Hospitals) (Holding) (Areas)	Kennels	Tack Shops
Animal (Life Science) Laboratories	Pet Animal (Quarters) (Kennels)	Veterinary (Clinics) Examination (Waiting) (X-Ray) (Operating) (Rooms)
(Pet) Breeding and Grooming Establishments	Pet Shops	Zoos
(Equine) (Turkey) Farms	Stables	

MARKETING CLAIMS

{Note to Reviewer: The below marketing claims may be used anywhere on the product packaging label}

General

- This product (product name) is (designed) for use (in) (on) { insert use site or surface from the Surfaces and Use Sites tables}.
- This product may be used on washable, hard, non-porous surfaces: {insert use site or surface from the Surfaces and Use Sites tables}
- With Organic Soil Tolerance for Veterinary Clinics, Animal Hospitals, Pet Shops, Kennels, Animal Care Facilities, Tack Shops, Animal Life Science Laboratories, Breeding and Grooming Establishments and Farms

- This product (product name) is an economical concentrate (that is to be used with a mop and bucket, trigger sprayers, low pressure coarse sprayer or cloth/sponge).
- This product (product name) will not leave a grit or soap scum.
- Use this product (product name) to reduce cross-contamination between treated hard, non-porous multi-touch surfaces.
- For use in (automated dilution systems) (automated) (dilution systems) (Dilution system trade name).
- (Concentrate) (Concentrated) (Compacted) (Compact) (Formula)
- 50% Less Water
- XX% Less (Plastic) (Fuel) (Gas)
- (XX%) (more) (buckets) (per) (/) (bottle)
- (Equal) (=) to XX (fl. Oz.) (fluid ounces) non-concentrated
- (XX fluid ounces) (=) XX fluid ounces=XX Buckets
- (Summer) (Fresh) (Clean) (Crisp) (Bright) (Citrus) (Lemon) (Lavender) (Floral) (Mint) (Soap)
(Lemon-Lime) (Pine) (Scented)

CLEANING AND DEODORIZING

- CLEANER
- DETERGENT
- DEODORIZER
- (Cross contamination is of major housekeeping concern.) This product (product name) has been formulated to aid in the reduction of cross-contamination on treated surfaces.
- This product (product name) may be relied on to deodorize coolers, buckets, garbage pails and other areas where obnoxious odors may develop.
- When used as directed, this product (product name) will deodorize surfaces where bacterial growth can cause malodors.
- (In addition) This product will deodorize those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, toilet bowls, and other areas which are prone to odors caused by microorganisms.
- This product (product name) is a (non-abrasive) (non-scratch) cleaner.
- This product (product name) neutralizes on contact musty odors and tough odors from smoke, pet accidents, and spills.
- Floor cleaner.
- Cleans and shines.
- By effectively controlling odors, this product (product name) minimizes labor.
- This product (product name) inhibits odor causing bacterial growth on moist surfaces and deodorizes by killing microorganisms that cause offensive odors.
- This product (product name) neutralizes musty odors and tough odors from pet accidents on contact.
- This product (product name) provides long lasting freshness against tough (pet) odors such as odors from litter boxes and pet accidents.

DISINFECTANT, VIRUCIDAL*, MILDEW CONTROL AND COMBINATION CLAIMS

- DISINFECTANT
- *VIRUCIDE
- [(ODOR) (AND) (OR) (STAIN) (CAUSING)] MILDEW CONTROL(on hard, inanimate surfaces)
- KILLS GERMS**
- Formulated for Effective Farm Premise Sanitation
- Formulated for Effective Poultry Premise Sanitation
- Formulated for Effective Swine Premise Sanitation
- Formulated for Effective Veterinary Practice/Animal Care/Animal Laboratory Disinfection
- Kills Pandemic 2009 H1N1 Influenza A virus (formerly called swine flu)
- This product (product name) is a (one step^{1,3} detergent disinfectant) (concentrated disinfectant) that is effective against a broad spectrum of bacteria and is virucidal* when used as directed.
- This product (product name) is to be used as a disinfectant on hard, non-porous, environmental surfaces (at 703 ppm active).
- This product (product name) is a versatile disinfectant and *virucide for use in Veterinarian, Animal Care and Farm premises and equipment.
- This product (product name) is a hard, non-porous multi-surface cleaner, deodorizer and disinfectant³. Use on windows, mirrors, and other non-food contact glass surfaces.
- This product (product name) cleans(, shines), deodorizes and disinfects³ all hard non-porous surfaces (listed on the label). It inhibits the growth of mold and mildew, leaving bathrooms and kitchens clean and fresh smelling.
- (This Product) (Kills) (is) (Effective against) (Eliminates 99.9%³) (of) (has demonstrated effectiveness against) the virus that causes COVID-19⁴ on hard non-porous surfaces (in) (just) 1 minute (60 seconds) (!)
- (This Product) (Kills) (is) (Effective against) (Eliminates 99.9%³) (of) (has demonstrated effectiveness against) SARS-CoV-2⁴ (the Coronavirus that causes COVID-19) on hard non-porous surfaces (in) (just) 1 minute (60 seconds) (!)
- (This Product) (Kills) (is) (Effective against) (Eliminates 99.9%³) (of) (has demonstrated effectiveness against) SARS-CoV-2⁴, which causes COVID-19 on hard non-porous surfaces (in) (just) 1 minute (60 seconds) (!)
- (This Product) (Kills) (is) (Effective against) (Eliminates 99.9%³) (of) (has demonstrated effectiveness against) SARS-Related Coronavirus 2⁴ (SARS-CoV-2) (USA-WA1/2020) (causative agent of COVID-19) (the virus that causes COVID-19) on hard non-porous surfaces (in) (just) 1 minute (60 seconds) (!)
- (This Product) (Kills) (is) (Effective against) (Eliminates 99.9%³) (of) (has demonstrated effectiveness against) SARS-CoV-2 virus⁴ responsible for the severe acute respiratory (syndrome) (COVID-19) (disease) on hard non-porous surfaces (in) (just) 1 minute (60 seconds) (!)
- (This Product) Disinfects hard non-porous surfaces by killing (99.9%³) (of) the virus that causes COVID-19⁴ (in) (just) (One Step^{1,3})
- (This Product) Disinfects hard non-porous surfaces by killing (99.9%³) (of) SARS-CoV-2⁴ (the Coronavirus that causes COVID-19) (in) (just) (One Step^{1,3})
- (This Product) Disinfects hard non-porous surfaces by killing (99.9%³) (of) SARS-CoV-2⁴, which causes COVID-19 (in) (just) (One Step^{1,3})
- (This Product) Disinfects hard non-porous surfaces by killing (99.9%³) (of) SARS-Related Coronavirus 2⁴ (SARS-CoV-2) (USA-WA1/2020) (causative agent of COVID-19) (the virus that causes COVID-19) (in) (just) (One Step^{1,3})
- (This Product) Disinfects hard non-porous surfaces by killing (99.9%³) (of) SARS-CoV-2 virus⁴ responsible for the severe acute respiratory (syndrome) (COVID-19) (disease) (in) (just) (One Step^{1,3})
- (This Product) (Kills) (is) (Effective against) (Eliminates 99.9%³) (of) (has demonstrated effectiveness against) the virus that causes COVID-19⁴ on hard non-porous surfaces
- (This Product) (Kills) (is) (Effective against) (Eliminates 99.9%³) (of) (has demonstrated effectiveness against) SARS-CoV-2⁴ (the Coronavirus that causes COVID-19) on hard non-porous surfaces

- (This Product) (Kills) (is) (Effective against) (Eliminates 99.9%³) (of) (has demonstrated effectiveness against) SARS-CoV-2⁴, which causes COVID-19 on hard non-porous surfaces
- (This Product) (Kills) (is) (Effective against) (Eliminates 99.9%³) (of) (has demonstrated effectiveness against) SARS-Related Coronavirus 2⁴ (SARS-CoV-2) (USA-WA1/2020) (causative agent of COVID-19) (the virus that causes COVID-19) on hard non-porous surfaces
- (This Product) (Kills) (is) (Effective against) (Eliminates 99.9%³) (of) (has demonstrated effectiveness against) SARS-CoV-2 virus⁴ responsible for the severe acute respiratory (syndrome) (COVID-19) (disease) on hard non-porous surfaces
- (This Product) Kills (99.9%³ of) SARS-CoV-2⁴, which causes COVID-19 on hard non-porous surfaces
- (This Product) Kills (99.9%³ of) SARS-CoV-2⁴, which causes COVID-19 on hard non-porous surfaces (in) (just) 1 minute (60 seconds) (!)
- (This Product) Kills (99.9%³ of) SARS-CoV-2⁴, which causes COVID-19 on hard non-porous surfaces (in) (just) (One Step^{1,3})
- (This Product) Kills (is) (Effective against) the virus that causes COVID-19⁴ on hard non-porous surfaces
- (This Product) (is) (Effective against) the virus that causes COVID-19⁴ on hard non-porous surfaces (in) (just) 1 minute (60 seconds) (!)
- (This Product) Kills (is) (Effective against) the virus that causes COVID-19⁴ on hard non-porous surfaces (in) (just) (One Step^{1,3})
- (This Product) Kills SARS-CoV-2⁴ (COVID 19 virus) (virus) on hard non-porous surfaces
- (This Product) Kills SARS-CoV-2⁴ (COVID 19 virus) (virus) on hard non-porous surfaces (in) (just) 1 minute (60 seconds) (!)
- (This Product) Kills SARS-CoV-2⁴ (COVID 19 virus) (virus) on hard non-porous surfaces (in) (just) (One Step^{1,3})
- (This Product) (is) Effective against SARS-CoV-2⁴ (COVID 19 virus) on hard non-porous surfaces
- (This Product) (is) Effective against SARS-CoV-2⁴ (COVID 19 virus) on hard non-porous surfaces (in) (just) 1 minute (60 seconds) (!)
- (This Product) (is) Effective against SARS-CoV-2⁴ (COVID 19 virus) on hard non-porous surfaces (in) (just) (One Step^{1,3})
- (This product) is a broad-spectrum, hard non-porous surface disinfectant that has been shown to be effective against SARS-CoV-2⁴ (COVID-19 virus tested and listed on the label)
- This product is for Poultry Premise Sanitation (Hatcheries):

Egg Receiving Area	Tray Dumping Area	Chick Processing Area
Egg Holding Area	Chick Holding Area	Chick Loading Area
Setter Room	Hatchery Room	Poultry Buildings
- This product is for Swine Premise Sanitation:

Farrowing Barns and Areas	Dressing Plants	Blocks
Waterers and Feeders	Loading Equipment	Creep Area
Hauling Equipment	Nursery	Chutes
- (This product) (It) (when used as directed) is formulated to disinfect hard, non-porous, inanimate environmental surfaces: {insert use site or surface from the Surfaces and Use Sites tables}
- (When used as directed,) this formulation is specifically designed to disinfect, deodorize and clean inanimate, hard, non-porous surfaces: {insert use site or surface from the Surfaces and Use Sites tables}
- This product (product name) is formulated to effectively eliminate offensive odors caused by mold and mildew.
- This product (product name) is a no rinse disinfectant cleaner that disinfects, cleans and deodorizes in one labor saving step^{1,3}.
- This product (product name) delivers non-acid toilet and urinal disinfection performance in an economical concentrate.

Bracketed information is denoted as: {insert as noted}, (optional text), [required qualifier], <note>.
 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 may be added as optional, supplemental information.

CLAIM QUALIFIERS

¹ For use on non-food contact use site(s) only.

³when used according to disinfection directions

⁴ Severe Acute Respiratory Syndrome Coronavirus 2

**Kills *Pseudomonas aeruginosa*, *Escherichia coli*, *Klebsiella pneumoniae*, *Salmonella schottmuelleri*, *Salmonella enterica*, *Streptococcus faecalis*, *Shigella dysenteriae*, *Klebsiella aerogenes*, *Staphylococcus aureus*, *Bordetella bronchiseptica*, Canine Distemper virus, Pseudorabies virus, Vaccinia virus, Influenza A2 Virus, Herpes Simplex Virus Type 1, Adenovirus Type 2, Bovine Viral Diarrhea Virus (BVDV), Norovirus (Norwalk Virus), Feline Calicivirus (FCV), Canine Parvovirus (CPV), Canine Adenovirus, Canine Coronavirus, Canine Parainfluenza Virus, Feline Panleukopenia Virus, Feline Rhinotracheitis Virus, Feline Coronavirus, Feline Picornavirus, and Porcine Parvovirus.

DIRECTIONS FOR USE

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

{Note to reviewer this statement must be used on labels that list food contact surfaces: Surfaces which may contact food must be rinsed thoroughly with potable water after use.}

DISINFECTION - For visibly soiled areas, a pre-cleaning step is required. For disinfecting inanimate, hard, non-porous surfaces, add 1 fluid ounce of this product (product name) per gallon of water (or equivalent use dilution). Apply solution with a (mop,) (cloth,) (sponge,) (hand pump trigger sprayer) (or) (low pressure coarse sprayer) so as to wet all surfaces thoroughly. Allow to remain visibly wet for 10 minutes (or 1 minute for SARS-CoV-2⁴), then (remove excess liquid) (let air dry).

PACKETS (*for pre-measured tear open packets*) – (Simply) (tear) open and pour contents into 1 gallon of water. Keep packets in box until ready to use.

or

Pour contents of (1 fl oz) packet into 1 gallon of water (or equivalent use dilution). Keep packets in box until ready to use.

BACTERICIDAL ACTIVITY - When used at the 1 fluid ounce per gallon dilution rate, this product (product name) exhibits effective disinfectant activity against the organisms: {insert bacteria from the Micro-Organism Table, but may not include *Bordetella Bronchiseptica*}. When used as directed, this formulation is an effective disinfectant against *Pseudomonas aeruginosa* in animal hospitals and laboratories.

At 4 fluid ounces per gallon or equivalent dilution rate (2812 ppm (mg/L) active quat), this product (product name) is effective against *Bordetella bronchiseptica* (a bacteria that causes bacterial Kennel Cough) on hard, non-porous environmental surfaces.

{Note: one of the following statements must appear after the dilution use directions}

BACTERICIDAL STABILITY of USE-DILUTION: Efficacy tests confirm that (this product or product name) when diluted as directed remains effective against *Pseudomonas aeruginosa*, *Staphylococcus aureus* and *Salmonella enterica* for (up to one month) (up to 30 days) (up to 4 weeks) when stored in a sealed container such as a spray bottle. If the (use-dilution) (use-solution) (diluted product) becomes visibly dirty or contaminated, it must be discarded and fresh (use-dilution) (use-solution) (diluted product) must be prepared. Always use clean, properly labeled containers when diluting (this product or product name). Bactericidal stability of the (use-dilution) (use-solution) (diluted product) does not apply to open containers such as buckets or pails.

(or)

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

(or)

Prepare a fresh solution for each use.

***VIRUCIDAL ACTIVITY** – When used on at 1 fluid ounce per gallon of water (or equivalent use dilution) (703 ppm or mg/L active quat), this product exhibits effective virucidal activity on inanimate, hard, non-porous surfaces against Canine Distemper virus, Pseudorabies virus, Bovine Viral Diarrhea Virus (BVDV), Feline Calicivirus (FCV), Herpes Simplex Virus Type 1, Influenza A2 Virus, Adenovirus Type 2, Norovirus (Norwalk Virus), Pandemic 2009 H1N1 Influenza A Virus, Vaccinia virus in 10 minutes (and SARS-CoV-2⁴ in 1 minute). {Note to reviewer: If other viruses are listed on the label the following phrase must be used: Product may not be used for other viruses at this dilution rate.}

Disinfection and Virucidal (1 oz. per gallon) Dilution Chart

Fluid ounces of Product	Water
¼ oz.	Quart
½ oz.	½ gallon
1 oz.	Gallon
2 ozs.	2 gallons
5 ozs.	5 gallons
15 ozs.	15 gallons
30 ozs.	30 gallons

At 4 fluid ounces per gallon or equivalent dilution rate (2812 ppm (mg/L) active quat), this product (product name) is effective against the following viruses on hard non-porous environmental surfaces: Canine Parvovirus (CPV), Canine Adenovirus (a virus that causes Infectious Canine Hepatitis), Canine Coronavirus (a virus that causes Canine Coronavirus Disease, Canine Gastroenteritis), Canine Parainfluenza Virus (a virus that causes viral Kennel Cough), Feline Panleukopenia Virus (Feline Parvovirus), Feline Rhinotracheitis Virus (a virus that causes Feline Herpes virus Infection), Feline Coronavirus (a virus that causes Feline Infectious Peritonitis), Feline Picornavirus and Porcine Parvovirus.

Canine Parvovirus (CPV) Activity: At 4 fluid ounces per gallon of water or equivalent dilution, this product (product name) inactivates Canine Parvovirus (CPV) on hard, non-porous, environmental surfaces in the presence of 5% blood serum with a 10 minute contact time.

Virucidal (4 ozs. per gallon) Dilution Chart

Fluid ounces of Product	Water
1 oz.	Quart
2 ozs.	½ gallon
4 ozs.	Gallon
8 ozs.	2 gallons
20 ozs.	5 gallons
60 ozs.	15 gallons
120 ozs.	30 gallons

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

[(ODOR) (AND) (OR) (STAIN) (CAUSING)] MILDEW ACTIVITY - To control [(odors) (and) (or) (stains)] caused by mold and mildew on pre-cleaned, hard, non-porous surfaces, add 1 fluid ounce of this product (product name) per gallon of water (or equivalent use dilution). Apply solution with a (mop,) (cloth,) (sponge,) (hand pump trigger sprayer) (or) (low pressure coarse sprayer) making sure to visibly wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth appears.

DEODORIZATION - To deodorize, add 1 ounce of this product (product name) per gallon of water or equivalent dilution of water (703 ppm (mg/L) active quat). Excess material should be wiped up or allowed to air dry.

GENERAL CLEANING – Apply this product (product name) to soiled area with a mop, cloth, sponge, hand pump trigger sprayer or low pressure coarse sprayer. This product (product name) can be diluted at X ounce per gallon or applied at full strength. Thoroughly wet soiled surface and scrub as necessary.

For (pet) (domestic animal) odors: Use on carpets, floors, walls, tile, cages, pet beds, litter boxes, mats, floor coverings, area rugs or any surface soiled by a pet (domestic animal). Test a small inconspicuous area first. Blot problem area, then follow directions for DEODORIZATION.

For cleaning and disinfecting the following hard non-porous surfaces: equipment, utensils, instruments, cages, kennels, stables, stalls, and catteries. Remove all animals and feeds from premises, animal transportation vehicles, crates, etc. Remove all litter, droppings and manure from floors, walls and surfaces of facilities occupied or traversed by animals. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use-solution of 1 ounce per gallon (703 ppm active quat) of water (or equivalent dilution) for a period of 10 minutes. Immerse all halters, ropes and other types of equipment used in handling and restraining animals as well as forks, shovels, and scrapers used for removing

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litter and manure. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, automatic feeders, waterers and other equipment which dispenses food or water with soap or detergent and rinse with potable water before reuse.

For feeding and watering equipment, RINSE WITH POTABLE WATER after disinfecting.

For visibly soiled or contaminated areas, a pre-cleaning step is required. Prepare a fresh solution for each use.

SITE AND APPLICATION SPECIFIC DIRECTIONS FOR USE

POULTRY (AND SWINE) PREMISE SANITATION DIRECTIONS-

Site Preparation: The first step in any on-going sanitation program must be the removal of visible contamination and debris. This may be accomplished using a shovel, broom, or vacuum depending on the area to be disinfected. The efficacy of even the most efficient germicidal cleaner is reduced in the presence of visible organic matter. Once the visible debris is eliminated, thoroughly clean all surfaces with soap or detergent and rinse with water.

Cleaning And Disinfection: For all general cleaning and disinfecting of hard, non-porous surfaces use 4 fluid ounces of this product (product name) per gallon of water. Apply this product (product name) using a cloth, mop, hand pump trigger sprayer or low pressure coarse sprayer so as to thoroughly wet surface to be disinfected. Allow to remain visibly wet for 10 minutes and then let air dry. For visibly soiled areas, a pre-cleaning step is required. Prepare a fresh solution after each use.

DISINFECTION/*VIRUCIDAL ACTIVITY OF POULTRY/TURKEY EQUIPMENT, SWINE QUARTERS, ANIMAL QUARTERS AND KENNELS DIRECTIONS

- Product may only be used on hard, non-porous surfaces for disinfection. Remove all animals and feeds from premises, trucks, cars, coops and crates. Remove all litter, droppings and manure 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. Use 4 fluid ounces of this product (product name) per gallon of water. Saturate surfaces with the disinfecting solution and allow surfaces to remain visibly wet for a period of 10 minutes. Ventilate buildings, coops and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains and waterers with soap or detergent, and rinse with potable water before reuse. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure.

Hatcheries: Use 4 fluid ounces of this product (product name) per gallon of water to treat the following hard non-porous surfaces: hatching, setters, trays, racks, carts, sexing tables, delivery trucks and other hard surfaces. Leave all treated surfaces exposed to disinfectant solution visibly wet for 10 minutes or more. Rinse with potable water before reuse. Then allow to air dry.

Vehicles: Product may only be used on hard, non-porous surfaces for disinfection. Clean all vehicles including mats, crates, cabs, and wheels with high pressure water and this product (product name). Use 4 fluid ounces per gallon to treat all vehicles. Leave all treated surfaces exposed to disinfectant solution visibly wet for 10 minutes or more.

RENDERING PLANT/DRESSING PLANT DISINFECTION DIRECTIONS - Disinfect hard, non-porous equipment, utensils, walls and floors in poultry and dressing plants with a use-solution of 1 ounce of this product (product name) per gallon of water or equivalent use dilution (703 ppm (mg/L) active quat). Equipment and utensils must remain visibly wet for 10 minutes then thoroughly rinsed with potable water before operations are resumed. Disinfect all rooms, exterior walls and loading platforms of dressing plants. {Note to reviewer: This claim may only be used if all organisms listed on label are effective at 1 fluid ounce per gallon use dilution. This claim may not be used on labels that have organisms requiring the 4 fluid ounce per gallon use dilution.}

VETERINARY PRACTICE/ANIMAL CARE/ANIMAL LABORATORY/ZOOS/PET SHOP/KENNELS/ BREEDING AND GROOMING ESTABLISHMENTS/TACK SHOPS/ANIMAL LIFE SCIENCE LABORATORIES DISINFECTION & *VIRUCIDAL ACTIVITY DIRECTIONS

- For cleaning and disinfecting the following hard non-porous surfaces: equipment not used for animal food or water, utensils, instruments, cages, kennels, stables, catteries, etc. 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. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use-solution of 4 fluid ounces of this product (product name) per gallon of water (or equivalent dilution) and allow surfaces to remain visibly wet for a period of 10 minutes. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, automatic feeders, waterers and other equipment that dispenses food or water with soap or detergent, and rinse with potable water before reuse.

FARM PREMISE DISINFECTION DIRECTIONS (For Use in Equine, Dairy and Hog Farms):

Product may only be used on hard, non-porous surfaces for disinfection. Do not use in milking stalls, milking parlors or milk houses.

1. Remove all animals and feed from premises, vehicles and enclosures.
2. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities and fixtures occupied or traversed by animals.
3. Empty all troughs, racks and other feeding and watering appliances.
4. Thoroughly clean all surfaces with soap or detergent and rinse with water.
5. Saturate all surfaces with a use-solution of 4 fluid ounces of this product (product name) per gallon of water (or equivalent dilution) and allow surfaces to remain visibly wet for a period of 10 minutes.
6. Immerse all halters, ropes and other types of equipment used in handling and restraining animals as well as forks, shovels and scrapers used in removing litter and manure.
7. Ventilate buildings, cars, trucks, boats and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed, set or dried.
8. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains and waterers with soap or detergent and rinse with potable water before reuse.

Non-Acid Toilet Bowl Disinfection/Cleaner Directions: Remove visible soil prior to disinfection.

From concentrate: Add 1 ounce per gallon to the toilet bowl and mix. Brush thoroughly over exposed surfaces and under the rim, allow to stand for 10 minutes and flush. (For heavy duty use: Add 4 fluid ounces per gallon to the toilet bowl and mix. Brush or swab thoroughly under the rim with a cloth, mop, sponge, or sprayer, allow to stand for 10 minutes and flush.)

{Note to reviewer: The use-solution language below may be used in addition to the concentrate directions above, but is optional}

From use-solution: Empty toilet bowl or urinal and apply 1 fluid ounce per gallon use-solution to exposed surfaces including under the rim with a cloth, mop, sponge or hand pump trigger sprayer. Brush or swab thoroughly and allow to stand for 10 minutes and flush. For sprayer application use a coarse spray device.

For heavy duty use: Empty toilet bowl or urinal and apply 4 fluid ounces per gallon use-solution to exposed surfaces including under the rim with a cloth, mop, sponge or sprayer. Brush or swab thoroughly and allow to stand for 10 minutes and flush.

(Alternative language for bag in the box dispensing equipment)

Directions For Bag-In Box Containers:

HOW TO USE THIS PACKAGE: This package is designed to be used with dilution control systems only. Open package and connect to dispense according to directions on the box.

TRIGGER SPRAYERS: Fill bottle from dispenser. Apply to surfaces according to directions above.

MOP BUCKETS: Fill bucket from dispenser. Set up "Wet Floor" signs. Mop floor surfaces as specified in directions above.

Automated Dilution System (Dilution System Trade Name) Instructions: Product may only be used with automated dilution systems that consistently produce the dilution levels as stated in the Directions for Use. 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.

Note to reviewer: The following advisory statements are optional. These statements are intended for products sold in state or local jurisdictions that have phosphate restrictions or limits for cleaners. One of the statements can be selected and placed with the Directions for Use section as applicable.}

ADVISORY STATEMENTS

- Formulation meets state and local restrictions for phosphate content in hard surface cleaners
- Does not contain (phosphates) (phosphorous) (as required per state and/or local requirements)

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 - <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 refillable container</i>	Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Follow Pesticide Disposal instructions for rinsate disposal. Repeat procedure two more times. Offer container for recycling if available or reconditioning if appropriate or place intrash.
<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.

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

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[Note to reviewer: NOT FOR USE ON FINAL IN-COMMERCE PRODUCT LABEL]

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

For an emerging viral pathogen that is a/an...	...follow the directions for use for the following organisms on the label:
Enveloped virus	<ul style="list-style-type: none">• Norovirus (Norwalk Virus)

§ The directions for use for the supporting viruses with the longest contact time should be used for enveloped emerging viruses. In this case, 10 minutes for the indicated viruses.

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 [Norovirus, University of Ottawa] 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.”

(1) OUNCE PACKET LABEL TO BE USED WITH MASTER CONTAINER LABEL:

MIX EACH PACKET WITH 1 GALLON OF WATER

Veterinarian Type Disinfectant

EPA Reg. No. 1839-100

EPA Est. No. (as indicated on container) (Lot code may designate establishment number.)

NET CONTENTS: (1) FLUID OZ.

ACTIVE INGREDIENTS:

n-Alkyl (60% C ₁₄ , 30% C ₁₆ , 5% C ₁₂ , 5% C ₁₈)	
dimethyl benzyl ammonium chlorides.....	4.5%
n-Alkyl (68% C ₁₂ , 32% C ₁₄)	
dimethyl ethylbenzyl ammonium chlorides	4.5%
INERT (OTHER) INGREDIENTS	91.0%
TOTAL	100.0%

**KEEP OUT REACH OF CHILDREN
DANGER**

SEE OUTER CONTAINER FOR PRECAUTIONARY STATEMENTS AND USE DIRECTIONS

DISPOSAL: Do not reuse container. Wrap and put in trash collection.

STEPAN COMPANY
22 W. Frontage Rd.
Northfield, IL 60093

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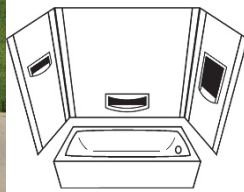
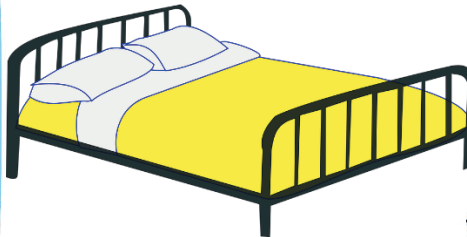
Graphics

(Note to Reviewer: These are representative icons for use sites/application methods that may appear on the label listed in the location/surfaces section of this label with the appropriate directions for use, PPE or package type. The below graphics are options and may be presented as seen below or may differ slightly in graphic design but not intent on the market container label.)



Faucet

Door Knob

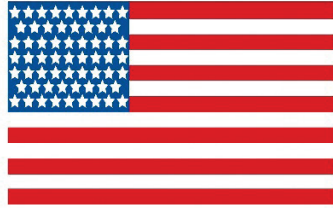
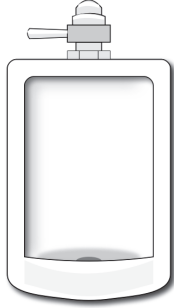


Tub and Shower walls



La Hacienda

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- (sink with faucet)
- (work station tub or sink)
- (rubber gloves) (masks)(PPEs)
- (table)
- (chair)
- (bed frame)
- (wall)
- (cabinet)
- (doorknob)
- (garbage can)
- (non-wooden picnic table)
- (outdoor furniture except cushions and wood frames).
- (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).
- (recycling logo) {Note to reviewer: Only for containers which may be recycled per storage and disposal directions}
- (American flag logo) {Note to reviewer: May only be used on labels which carry "Assembled in USA" or "Assembled in America" marketing statements.}
- (Brand or Company name specific graphics, logos, and stylized fonts including background patterns and fill colors)
- (Business industry membership or affiliation logos)
- (Fragrance graphics including Citrus, Pine, Lemon, Lime, Floral, Lavender)

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