

NP 4.5 (D&F) Detergent/Disinfectant

Front Panel

ACTIVE INGREDIENTS

Alkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈)
dimethyl benzyl ammonium chlorides 2.25%

Alkyl (68% C₁₂, 32% C₁₄)
dimethyl ethylbenzyl ammonium chlorides..... 2.25%

INERT INGREDIENTS 95.50%

Total 100.00%

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. Full first aid statement may be placed on front panel in lieu of the abbreviated version.}

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 a poison control center or doctor for treatment advice.
(OPTIONAL) You may contact 1-800-424-9300 (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. Where feasible, all first aid statements should all appear on the front panel. For products packaged in smaller outer containers, where space does not feasibly allow all first aid statements to be placed, the categories above must be placed on the front panel and the additional first aid statements as noted in the full first aid statement table may be placed on an alternate panel or collateral labeling with an appropriate referral statement as noted below.}

See (side) (back) (left) (right) (inside) (below) (booklet) (insert) panels for (precautionary statements) (additional first aid) (and) (directions for use).

FRONT, BACK OR SIDE PANEL

EPA REG. NO. 1839-95

EPA EST. NO. (as indicated on container) {Note to reviewer: Lot code may designate establishment number. (Circled) letter designating establishment number is the last/first digit/number/letter of lot number.}

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

STEPAN COMPANY

1101 Skokie Blvd, Suite 500

Northbrook, IL 60062

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. Wear goggles or face shield, rubber gloves, and protective clothing. Harmful if swallowed. Remove contaminated clothing and wash before reuse. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

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 a poison control center or doctor for treatment advice.
If swallowed:	<ul style="list-style-type: none"> • 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:	<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) You may contact 1-800-424-9300 (xxx/xxx-xxxx) for emergency medical treatment information.	

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

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic invertebrates. 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:

ORGANISM	STRAIN ID	CONTACT TIME
Bactericidal Activity:		
Brevibacterium ammoniagenes	ATCC 6871	10 minutes
Klebsiella aerogenes	ATCC 13048	10 minutes
Escherichia coli	ATCC 11229	10 minutes
Klebsiella pneumoniae	ATCC 4352	10 minutes
Methicillin resistant Staphylococcus aureus (MRSA)	ATCC 33593	10 minutes
Pseudomonas aeruginosa	ATCC 15442	10 minutes
Salmonella enterica	ATCC 10708	10 minutes
Salmonella schottmuelleri	ATCC 8759	10 minutes
Shigella dysenteriae	ATCC 12180	10 minutes
Staphylococcus aureus	ATCC 6538	10 minutes
Streptococcus faecalis	ATCC 10541	10 minutes

Streptococcus pyogenes	(Clinical - Flesh Eating Strain BIRD M3)	10 minutes
Streptococcus salivarius	ATCC 9222	10 minutes
Vancomycin intermediate resistant Staphylococcus aureus (VISA)	HIP-5836	10 minutes
Klebsiella pneumoniae New Dehli Metallo-Beta Lactamase (NDM-1) Carbapenem Resistant	Clinical Isolate No. 10002	10 minutes
Acinetobacter baumannii	ATCC 19606	10 minutes
Enterococcus faecium	ATCC 19434	10 minutes
Vancomycin resistant Enterococcus faecalis (VRE)	ATCC 51299	10 minutes
*Virucidal Activity:		
Adenovirus Type 2	Gibraltar, H Ep. 2	10 minutes
Avian Influenza A Virus (H3N2) (Avian Reassortant)	ATCC VR-2072	10 minutes
Avian Influenza Virus Type A (H9N2)	(Turkey/WIS/66)	10 minutes
Bovine Viral Diarrhea Virus (BVDV)	American BioResearch Laboratories	10 minutes
Feline Calicivirus (FCV)	University of Ottawa	10 minutes
Hepatitis B virus (HBV)	Hepadna Virus Testing	10 minutes
Hepatitis C virus (HCV)	American BioResearch Laboratories	10 minutes
Herpes Simplex Virus Type 1	ATCC VR-733	10 minutes
Human Coronavirus	ATCC VR-740	10 minutes
Human Immunodeficiency Virus Type 1 (HIV-1)	HTLV-III _{RF}	10 minutes
Influenza A ₂ Virus	305/57	10 minutes
Norovirus (Norwalk Virus)	University of Ottawa	10 minutes
H1N1 Influenza A Virus	ATCC VR-1469	10 minutes
Porcine Respiratory & Reproductive Syndrome Virus (PRRSV)	NVSL	10 minutes
SARS Associated Coronavirus	ZeptoMetrix	10 minutes
Vaccinia Virus		10 minutes
Severe Acute Respiratory Syndrome Coronavirus 2 [SARS-CoV-2]	USA-WA1/2020 BEI NR-52281	1 minute
Canine Parvovirus	CPV-2b/Eu	10 minutes
Canine Adenovirus	American BioResearch Laboratories	10 minutes
Canine Coronavirus	American BioResearch Laboratories	10 minutes
Canine Parainfluenza Virus	CPI/PI-2 American BioResearch Laboratories	10 minutes
Feline Panleukopenia Virus	American BioResearch Laboratories	10 minutes
Feline Rhinotracheitis Virus	American BioResearch Laboratories	10 minutes
Feline Coronavirus	American BioResearch Laboratories	10 minutes
Feline Picornavirus	ATCC VR-653	10 minutes
Porcine Parvovirus	American BioResearch Laboratories/VMRD	10 minutes
Fungicidal Activity:		
Trichophyton interdigitale	ATCC 9533	10 minutes
Mildewstat Activity:		
Aspergillus niger	ATCC 6275	10 minutes

SURFACES & USE SITES

Note to Reviewer: Product label may include a graphic depiction of surfaces or sites listed on the EPA-approved master label. [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:

(Barber)(Salon) tools	Floors	Racks
(Bath)tubs	Footbaths	Razor(s)
(Washable) Walls	Freezer Exteriors	Recycling (centers) (equipment)
Appliance Exteriors	Full Face Breathing Apparatus Exteriors ¹	Recycling Bins
Attics	Garbage(cans)(pails)	Refrigerator Exteriors
Automobile Interiors	Gas Mask Exteriors ¹	Remote Controls
Basements	Glass	Restroom Fixtures
Bathrooms	Glazed Ceramic Tile	Salad Bar Sneeze Guards ²
Bed Frames	Glazed Porcelain	Scales
Bedrooms	Goggles ¹	Scissors
Bidets	Half Mask Respirator Exteriors ¹	Sealed Granite
Bins	Hard hats ¹	Sealed Marble
Brush(es)	Hospital beds	Shelves
Burial vaults	Inflatable Advertising Structures	Shower (doors)(curtains)
Cabinets	Inflatable play structures	Shower Stalls
Cages	Kennels	Sinks (Basins)
Carts	Laminate	Sports Equipment
CAT (scan) equipment ³	Laundries	Stainless Steel ³
Cellars	Light Switches	Stovetops ^{2,8}
Chairs		Tables ²
Chrome	Litter Boxes	Telephones
Clipper(s)	Metal Blinds ³	Toilets
Comb(s)	Metal ³	Tools
Coolers ³	Microwave (oven) exteriors	Traction devices
Counters (Countertops) ²	Mirrors	Trimmer Blade(s)
Desks	MRI equipment ³	Ultrasonic baths
Diaper Pails	Non-wood Furniture	Urinals
Dining room surfaces	Outdoor Patio Furniture	Vanity Tops
Doorknobs (and pulls)	Defibrillator Paddles ³	Vinyl
Drinking Fountains	Patient Chairs ³	Wheelchairs ³
Ear Muffs ¹	Plastic	Whirlpool Interiors

Exercise Equipment	Plastic Laundry Baskets	Whirlpools
Exercise Mats	Plastic Mattress Covers	Windows
Face Shields ¹	Porches	Wrestling Mats
Faucets		

Use Sites

(Barber) (Beauty) shops	Crime scenes	Operating rooms
(Breeding) (Grooming) Establishments	Cruise lines	Orthopedics
(Business) (Office) buildings	Day care (centers) (nurseries)	Other animal care facilities
(EMS) (Fire) Facilities	Department stores	Other household areas
(Hair) (Nail) (Pedicure) salons	Donut shops ²	Patient care (rooms) (facilities)
(Massage) (facial) salons	Dressing rooms	Pet animal quarters
(Performance) (Theatre) centers	Education institutions	Pet shops
(Poultry) (Turkey) Farms	Egg processing plants ²	Photocopy centers
(Retail) (Wholesale) establishments	Emergency rooms	Pizzerias ²
(Schools)(Colleges)(Universities)	Factories	Play grounds
Acute care institutions	Fast food operations ²	Police stations
Airline terminals	Flower shops	Post offices
Airplanes	Food establishments ²	Prisons
Airports	Food processing plants ²	Recovery rooms
Alternate care institutions	Food storage areas ²	Recreational facilities
Anesthesia	Funeral homes	Respiratory therapy
Animal life science laboratories	Garages	Restaurants ²
Art galleries	Gift shops	Restrooms
Athletic Facilities	Health clubs	School administration offices
Auto Repair centers	Heliport transportation terminals	Shipping terminals
Automotive garages	Hog farms	Ships
Autopsy rooms	Home healthcare institutions	Shopping malls
Bagel stores ²	Hotels	Sick rooms
Banks	Institutional (kitchens) ² (bathrooms)	Spas
Bars ²	Institutional facilities	Sport complexes
Bicycle shops	Institutions	Sport stadiums
Boats	Jails	Sports areas
Bookstores	Kitchen(s) ²	Supermarkets ²
Bus stations	Laboratories	Tanning spas (salons)
Buses	Libraries	Tattoo parlors

Cafeterias ²	Life care retirement communities	Taverns ²
Camp grounds	Liquor Stores	Taxis
Campers	Living rooms	Toy stores
Cars	Locker rooms	Trailers
Churches	Manufacturing facilities	Train stations
Classrooms	Mausoleums	Trains
Cocktail lounges	Mobile homes	Transportation terminals
Coffee shops ²	Mortuaries	Veterinary clinics
Commercial florist	Motels	Video stores
Convenience stores	Movie houses	X-ray CAT labs
Conventions centers	Municipal government buildings	Zoos
Courthouses	Museums	
	Newborn nurseries	

MARKETING CLAIMS

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

GENERAL

- For Home, Hospital, Institutional and Industrial Use
 - For Farm, School, Restaurant, Food Handling and Processing Areas, Equine, Poultry/Turkey Farm, Bar, Tavern and Institutional Kitchen Use
 - Cost Effective and Time Efficient when used with (the) (refillable spray bottle)(mechanical spray device) (cordless)(backpack) (sprayer) (low pressure sprayer)(trigger sprayer)(handheld mechanical sprayer) (applicator/sprayer name).
 - This product is (designed)(formulated) for use with (refillable spray bottle)(mechanical spray device) (cordless)(backpack)(handheld)(sprayer)(low pressure sprayer)(trigger sprayer)(handheld mechanical sprayer)(applicator/sprayer name).
 - (Refer to (applicator)(sprayer)(equipment)(user) manual for (additional)(specific) operation instruction before use.
 - Refer to the *insert applicator/sprayer name* -and/or- user manual -or- safety data sheet (SDS) for (more information) (any additional PPE).
 - (This product or product name) is for use in institutional kitchens and bathrooms.
 - (This product or product name) is an economical concentrate that can be used with a mop and bucket, hand pump trigger sprayer, low pressure coarse sprayer or sponge.
 - (2X) (2x) (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) (Ocean) (Scented)
- {Note to Reviewer: Representative graphics may accompany each scent descriptor}*
- *{Note to reviewer: The following may only be used to identify a specific retailer (who is not the producer or supplemental distributor):}* (Sold at)(Sold exclusively at)(Available at)(Available exclusively at) [insert retailer name and information].
{Brand graphics for the retailer may be added for only identified parties.}

CLEANING AND DEODORIZING

- CLEANER
- DETERGENT
- DEODORIZER
- (This product or product name) deodorizes 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.
- When used as directed, (this product or product name) will deodorize surfaces in toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause malodors.
- (This product or product name) is (recommended) (a) (for) (non-scratch) (cleaning) (cleaner) of (showers) and (tubs) (shower doors) (vinyl) (and) (plastic) (shower curtains) (fixtures) (and) (toilet bowls).
- This product (product name) has been formulated to aid in the reduction of cross-contamination on treated surfaces not only in hospitals, but in schools, institutions and industry.
- (This product or product name) is an effective antimicrobial cleaner designed for use by wholesale and retail florists, shippers and greenhouses⁴.
- (This product or product name) may be relied on to deodorize coolers, buckets, garbage pails and other areas where obnoxious odors may develop.
- {Note to reviewer: This Claim not approved in California} (This product or product name) may be used as a general purpose antimicrobial detergent⁴ in florist shops, wholesale florist, shippers, greenhouse packing areas and other commercial floriculture places for efficient cleaning and antimicrobial action against certain bacteria which cause:
 1. Plugging of stems with slime, which reduces uptake of water for various flowers including roses, chrysanthemums, gladioli and tulips.
 2. Production of ethylene gas, which may injure blooms of the various sensitive flowers including carnations, snapdragons, some orchids, babies breath, sweet peas, freesia and alstroemeria.
- This product (product name) is effective against household odors by animal waste, septic tank or sewage backup, smoke and bathroom and kitchen odors.
- (This product or product name) deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, toilet bowls, behind and under sinks and other areas where bacterial growth can cause malodors.
- This product (product name) neutralizes on contact musty odors and tough odors from smoke, pet accidents, and spills.
- This product (product name) may be used in work areas such as tool rooms and garages for odor control and light duty cleaning.
- This product (product name) may be used in work areas such as garages for odor control and light duty cleaning.
- Cleans everyday kitchen messes (surfaces).
- Great for use (on) (in) the (kitchen), (bathroom), (floors) and other household areas. Remove (eliminates) odors. Deodorizes.
- This product (product name) is an economical concentrate that can be used with a mop and bucket, hand pump trigger sprayer, low pressure coarse sprayer or sponge.
- Cleans and shines.
- Floor cleaner.
- (Concentrated) (Compact) (Compacted) (Disinfecting) (Floor) (&) (Multi-Surface) Cleaner
- Just 2 fl. oz. per gallon (for cleaning) (to clean)
- 2x Cleaning Power (on tough dirt) (per Fl. Oz.) (per Fluid Ounce)
- 2x Grease Fighting Power in Every Drop
- XX more freshness
- 2x More Dirt Fighting Power
- XX (Buckets) (Weeks) (Feet) (of clean) (Floors) (Rooms)
- XX Weeks (of clean)
- Multi-Surface Cleaner
- Cuts Grease
- Tough on grease
- Tough on sticky messes
- Leaves floors shiny

- Shines floors

DISINFECTION, *VIRUCIDAL, FUNGICIDAL, MILDWSTATIC, BACTERICIDAL AND COMBINATION CLAIMS

- DISINFECTANT
- ONE-STEP DISINFECTANT CLEANER^{2,4}
- BACTERICIDE
- *VIRUCIDE
- FUNGICIDE (against pathogenic fungi)
- MILDEWSTAT (on hard non-porous, inanimate surfaces)
- Effective in the presence of 5% serum contamination
- Formulated for Effective Farm Premise Disinfection
- Formulated for Effective Poultry Premise Disinfection
- Formulated for Effective Swine Premise Disinfection
- Formulated for Effective Veterinary Practice/Animal Care/Animal Laboratory Disinfection
- KILLS GERMS
- Kills H1N1 Influenza A virus (formerly called swine flu)
- Kills Carbapenem Resistant Enterobacteriaceae (CRE)**
- Kills ESKAPE Pathogen Group***
- Antibacterial
- Kills 99.9% of (Viruses*) (Bacteria) (and) (&) (Fungi) (on hard, non-porous household surfaces)
- (Kills) (Disinfects against) {insert pathogen(s) from Micro-Organisms Table}
- Kills viruses that cause flu⁶
- (Disinfectant) (Concentrated) (Power) (Max) (Clean) (X times Concentrated)
- NP 4.5 (D&F) Detergent/Disinfectant is designed to provide effective cleaning, deodorization, and disinfection⁴ specifically for {insert site from Use Site table} where housekeeping is of prime importance in reducing the hazard of cross contamination.
- NP 4.5 (D&F) Detergent/Disinfectant (this product or product name) for use in: {Insert site(s) or surface(s) from the Surfaces and Use sites tables}
- (This product or product name) is a one step^{2,4} detergent disinfectant that is effective against a broad spectrum of bacteria, is virucidal* (including HIV-1, HBV and HCV) and inhibits the growth of mold and mildew and their odors when used as directed.
- This product has demonstrated virucidal* efficacy against Hepatitis B (HBV), Hepatitis C (HCV) and Human Immunodeficiency Virus (HIV-1) on hard inanimate, environmental surfaces.
- This product (product name) was tested according to the AOAC Use-Dilution Test Standards and is approved for use in hospital (and healthcare) disinfection.
- This product (product name) can be used as a disinfectant on hard, non-porous, environmental surfaces (at 703 ppm active).
- When used as directed, this product (product name) is a concentrated hospital use disinfectant that is an effective broad spectrum bactericide and virucide*.
- (This product or product name), when used as directed, is formulated to disinfect the following hard non-porous inanimate environmental surfaces: {insert site from Use Site table}. Large inflatable non-porous plastic (rubber) (advertising) structures: animals, promotional items, moonwalks, slides, obstacle course play equipment, exercise equipment, exercise mats, wrestling mats.
- For larger areas such as operating rooms and patient care facilities, (this product or product name) is designed to provide both general cleaning and disinfecting⁴.
- (This product or product name) is a no rinse disinfectant cleaner that disinfects, cleans and deodorizes in one labor saving step^{2,4}.
- (This product or product name) cleans, shines, deodorizes and disinfects⁴ hard non-porous surfaces listed on the label. It inhibits the growth of mold and mildew, leaving bathrooms and kitchens clean and fresh smelling.
- Use (this product or product name) to clean and disinfect⁴ exterior non-porous surfaces of personal protective safety equipment, protective headgear, hard hats, half mask respirators, full face breathing apparatus, gas masks, goggles, spectacles, face shields, silicone rubber or PVC hearing protectors and vinyl covered ear muffs.¹

- (This product or product name) is a multi-surface cleaner, deodorizer and disinfectant⁴. Use on windows, mirrors, and other non-food contact glass surfaces.
- This product (product name) is a versatile disinfectant for veterinarian and animal care.
- This product (product name) is a versatile cleaner and broad spectrum disinfectant⁴ formulated for use on bath and therapy equipment (whirlpools).
- This product (product name) is a versatile broad spectrum disinfectant formulated for use in Ultrasonic Baths.
- Use this product (product name) to disinfect non-porous salon/barber tools and instruments: combs, brushes, scissors, blades, and manicure instruments.
- When used as directed, (this product or product name) will disinfect hard, non-porous surfaces such as flower buckets, floors and walls of coolers, design and packing benches and counter tops.
- Use (this product or product name) to clean, disinfect and deodorize⁴ flower buckets, walls and floors of coolers, shippers, greenhouse packing areas, garbage pails and other areas where obnoxious odors may develop.
- (This Product) (Kills) (is) (Effective against) (Eliminates 99.9%⁴) (of) (has demonstrated effectiveness against) the virus that causes COVID-19⁵ on hard non-porous surfaces (in) (just) 1 minute (60 seconds) (!)
- (This Product) (Kills) (is) (Effective against) (Eliminates 99.9%⁴) (of) (has demonstrated effectiveness against) SARS-CoV-2⁵ (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%⁴) (of) (has demonstrated effectiveness against) SARS-CoV-2⁵, which causes COVID-19 on hard non-porous surfaces (in) (just) 1 minute (60 seconds) (!)
- (This Product) (Kills) (is) (Effective against) (Eliminates 99.9%⁴) (of) (has demonstrated effectiveness against) SARS-Related Coronavirus 2⁵ (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%⁴) (of) (has demonstrated effectiveness against) SARS-CoV-2 virus⁵ 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%⁴) (of) the virus that causes COVID-19⁵ (in) (just) (One Step^{2 4})
- (This Product) Disinfects hard non-porous surfaces by killing (99.9%⁴) (of) SARS-CoV-24 (the Coronavirus that causes COVID-19) (in) (just) (One Step^{2 4})
- (This Product) Disinfects hard non-porous surfaces by killing (99.9%⁴) (of) SARS-CoV-24, which causes COVID-19 (in) (just) (One Step^{2 4})
- (This Product) Disinfects hard non-porous surfaces by killing (99.9%⁴) (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^{2 4})
- (This Product) Disinfects hard non-porous surfaces by killing (99.9%⁴) (of) SARS-CoV-2 virus⁵ responsible for the severe acute respiratory (syndrome) (COVID-19) (disease) (in) (just) (One Step^{2 4})
- (This Product) (Kills) (is) (Effective against) (Eliminates 99.9%⁴) (of) (has demonstrated effectiveness against) the virus that causes COVID-19⁵ on hard non-porous surfaces
- (This Product) (Kills) (is) (Effective against) (Eliminates 99.9%⁴) (of) (has demonstrated effectiveness against) SARS-CoV-2⁵ (the Coronavirus that causes COVID-19) on hard non-porous surfaces
- (This Product) (Kills) (is) (Effective against) (Eliminates 99.9%⁴) (of) (has demonstrated effectiveness against) SARS-CoV-2⁵, which causes COVID-19 on hard non-porous surfaces
- (This Product) (Kills) (is) (Effective against) (Eliminates 99.9%⁴) (of) (has demonstrated effectiveness against) SARS-Related Coronavirus 2⁵ (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%⁴) (of) (has demonstrated effectiveness against) SARS-CoV-2 virus⁵ responsible for the severe acute respiratory (syndrome) (COVID-19) (disease) on hard non-porous surfaces
- (This Product) Kills (99.9%⁴ of) SARS-CoV-2⁵, which causes COVID-19 on hard non-porous surfaces
- (This Product) Kills (99.9%⁴ of) SARS-CoV-2⁵, which causes COVID-19 on hard non-porous surfaces (in) (just) 1 minute (60 seconds) (!)
- This Product)) Kills (99.9%⁴ of) SARS-CoV-24, which causes COVID-19 on hard non-porous surfaces (in) (just) (One Step^{2 4})
- (This Product) Kills (is) (Effective against) the virus that causes COVID-19⁵ on hard non-porous surfaces
- (This Product) (is) (Effective against) the virus that causes COVID-19⁵ on hard non-porous surfaces (in) (just) 1 minute (60 seconds) (!)

- (This Product) Kills (is) (Effective against) the virus that causes COVID-19⁵ on hard non-porous surfaces (in) (just) (One Step^{2,4})
- (This Product) Kills SARS-CoV-2⁵ (COVID 19 virus) (virus) on hard non-porous surfaces
- (This Product) Kills SARS-CoV-2⁵ (COVID 19 virus) (virus) on hard non-porous surfaces (in) (just) 1 minute (60 seconds) (!)
- (This Product) Kills SARS-CoV-2⁵ (COVID 19 virus) (virus) on hard non-porous surfaces (in) (just) (One Step^{2,4})
- (This Product) (is) Effective against SARS-CoV-2⁵ (COVID 19 virus) on hard non-porous surfaces
- (This Product) (is) Effective against SARS-CoV-2⁵ (COVID 19 virus) on hard non-porous surfaces (in) (just) 1 minute (60 seconds) (!)
- (This Product) (is) Effective against SARS-CoV-2⁵ (COVID 19 virus) on hard non-porous surfaces (in) (just) (One Step^{2,4})
- (This product) is a broad-spectrum, hard non-porous surface disinfectant that has been shown to be effective against SARS-CoV-2⁵ (COVID-19 virus tested and listed on the label)

(This product or product name) is for Poultry Premise Disinfection (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 or product name) is for Swine Premise Disinfection:

Farrowing Barns and Areas	Dressing Plants	Blocks
Waterers and Feeders	Loading Equipment	Creep Area
Hauling Equipment	Nursery	Chutes

- When used as directed, (this product or product name) is formulated to disinfect hard, non-porous, inanimate, environmental surfaces: {insert site from Hard, Non-Porous Surface table} For larger areas: operating rooms, patient care facilities and restrooms, this product is designed to provide both general cleaning and disinfecting.
- (This product or product name) cleans, deodorizes and disinfects⁴ hard non-porous household surfaces. It inhibits the growth of mold and mildew, leaving bathrooms and kitchens clean and fresh smelling.
- This product (product name) is formulated to effectively eliminate offensive odors caused by mold and mildew.
- This product (product name) (controls) (reduces) (eliminates) (neutralizes) (destroys) odors to make your home (kitchen) (bathroom) sanitary.
- Disinfects kitchen (bathroom) surfaces. Kill germs. Kills household⁷ bacteria.
- Kills Athlete's Foot fungus, Trichophyton interdigitale, on bathroom surfaces.
- Kills common kitchen (bathroom) germs (and viruses*)⁹.
- Eliminates odors caused by bacteria (and) (mildew) (and) (non-fresh foods). Kills odor causing bacteria in the kitchen (bathroom).
- One step^{2,4} cleaner.

Qualifiers:

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.)

² Non-food contact [(use site)(surfaces)] only.

⁴when used according to disinfection directions

⁵Severe Acute Respiratory Syndrome Coronavirus 2

⁶Influenza A2 Virus

⁷{insert bacteria from Micro-Organism table}

****Klebsiella pneumoniae** New Delhi Metallo-Beta Lactamase (NDM-1) Carbapenem Resistant

******* Vancomycin Resistant *Enterococcus faecalis* (VRE), Methicillin Resistant *Staphylococcus aureus* (MRSA), *Klebsiella pneumoniae*, *Acinetobacter baumannii*, *Pseudomonas aeruginosa*, *Enterobacter aerogenes*

⁸ Allow treated surface to come to room temperature prior to application of product.

⁹ {insert bacteria and viruses from Micro-Organism table}

* (This symbol will connect to the specific viruses claimed for the product.)

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.}

(For labels that list medical premises and metal and/or stainless steel surfaces as noted in the Surfaces and Use Sites table by qualifier "3", one of the following statements must be used:)

(This product or product name) 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 and semi-critical medical device surfaces.

DISINFECTION - To disinfect inanimate, hard, non-porous surfaces add 2 fluid ounces of (this product or product name) per gallon of water. 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-2), then remove excess liquid.

(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* (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.

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

To disinfect toilet bowls: Visible soil must be cleaned prior to disinfection. flush toilet, add 2 fluid ounces of (this product or product name) directly to the bowl water. Swab the bowl completely using a scrub brush or toilet mop, making sure to get under the rim. Let stand for 10 minutes and flush.

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

From concentrate: Add 2 fluid ounces 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 to remove difficult stains and soils: Add 8 fluid ounces per gallon (32 milliliters per Liter) 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 2 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.

For heavy duty use to remove difficult stains and soils: Empty toilet bowl or urinal and apply 8 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.

To disinfect food processing premises: Before using this product, food products and packaging materials must be removed from the area or carefully protected. For floors, walls, and storage areas, add 2 fluid ounces of (this product or product name) per gallon of water (or equivalent use dilution). For visibly soiled areas, a pre-cleaning step is required. 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, then remove excess liquid. After use, all surfaces in the area must be thoroughly rinsed with potable water.

To disinfect food service establishment food contact surfaces: Before using this product, food products and packaging materials must be removed from the area or carefully protected. For countertops, appliances, tables, add 2 fluid ounces of (this product or product name) per gallon of water (or equivalent use dilution). For visibly soiled areas, a pre-cleaning step is required. Apply solution with a cloth, sponge, hand pump trigger sprayer or low pressure coarse sprayer so as to wet all surfaces thoroughly. Allow the surface to remain visibly wet for 10 minutes, then remove excess liquid and rinse the surface with potable water. This product cannot be used to clean the following food contact surfaces: utensils, glassware and dishes.

BACTERICIDAL ACTIVITY - When diluted at the rate of 2 fluid ounces per gallon of water (or equivalent use dilution), (this product or product name) exhibits effective, one-step^{2,4} disinfectant activity against the organisms: {insert bacteria from Micro-Organism Table} and meets all requirements for hospital use.

FUNGICIDAL ACTIVITY - At the 2 fluid ounces per gallon dilution, (or equivalent use dilution) (this product or product name) is also fungicidal against the pathogenic fungi, *Trichophyton interdigitale* (causative agent of Athlete's Foot Fungus) (a cause of ringworm) (a cause of ringworm of the foot), when used as directed on hard surfaces found in bathrooms, shower stalls, locker rooms, exercise facilities or other clean, hard, non-porous, surfaces commonly contacted by bare feet. Follow the Disinfection directions.

***VIRUCIDAL ACTIVITY** – (This product or product name), when used on environmental, inanimate, hard, non-porous surfaces at 2 fluid ounces per gallon of water (or equivalent use dilution), exhibits effective virucidal activity against Influenza A2/~~Japan~~ Virus (representative of the common flu virus), Herpes Simplex Virus Type 1 (causative agent of fever blisters), Adenovirus Type 2 (causative agent of upper respiratory infections), Vaccinia virus (representative of the Pox virus group), Human Coronavirus (ATCC VR-740, Strain 229E), Human Immunodeficiency Virus Type I (HIV-1), Hepatitis B Virus (HBV), Hepatitis C Virus (HCV), Norovirus (Norwalk Virus), Bovine Viral Diarrhea Virus (BVDV), Feline calicivirus (FCV), SARS Associated Coronavirus, Porcine Respiratory & Reproductive Syndrome Virus (PRRSV) (Strain NVSL), Avian Influenza A Virus, and SARS-CoV-2 Virus. Follow the Disinfection directions.

{and/or}

When diluted at the rate of 2 fluid ounces per gallon of water (or equivalent use dilution), this product exhibits effective virucidal activity against {insert virus from Micro-Organism Table} in 10 minutes.

When diluted at the rate of 2 fluid ounces per gallon of water (or equivalent use dilution), this product exhibits effective virucidal activity against SARS-CoV-2 in 1 minute (60 seconds).

At 8 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 surface with a 10 minute contact time: Canine Parvovirus (CPV), Canine Adenovirus (causative agent of Infectious Canine Hepatitis), Canine Coronavirus (causative agent of Canine Coronavirus Disease, Canine Gastroenteritis), Canine Parainfluenza Virus (causative agent of viral Kennel Cough), Feline Panleukopenia Virus (Feline Parvovirus), Feline Rhinotracheitis Virus (causative agent of Feline Herpes virus Infection), Feline Coronavirus (causative agent of Feline Infectious Peritonitis), Feline Picornavirus and Porcine Parvovirus.

Canine Parvovirus (CPV) Activity: At 8 fluid ounces per gallon of water or equivalent dilution (2812 ppm (mg/l) active quat), 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.

Note to reviewer: this section is required if making an HIV-1, HBV, and/or HCV claim on product label.

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 or product name).

CONTACT TIME: Allow surface to remain visibly wet for 10 minutes.

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

EFFICACY TESTS HAVE DEMONSTRATED THAT THIS PRODUCT 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, add 2 fluid ounces of (this product or product name) per gallon of water (or equivalent use dilution). Apply solution with a cloth, mop, sponge, hand pump trigger sprayer or low pressure coarse sprayer making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth appears.

To Control Mold and Mildew on Large, Inflatable, Non-Porous Plastic and Rubber Structures (animals, promotional items, moonwalk, slides, obstacle course play equipment, exercise equipment, and wrestling mats): Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use-solution of 8 fluid ounces of this product (product name) per 4 gallons of water (2 fluid ounces per gallon of water) (703 ppm active quaternary) (or equivalent dilution) for a period of 10 minutes. Ventilate buildings and other closed spaces. Do not use equipment until treatment has been absorbed, set or dried.

GENERAL CLEANING – Apply (this product or product name) to soiled area with a mop, cloth, sponge, hand pump trigger sprayer or low pressure coarse sprayer. (This product or product name) can be diluted at 2 fluid ounces per gallon or applied at full strength (or equivalent use dilution). Thoroughly wet soiled surface and scrub as necessary.

{Or}

Dilute at (1/2 fluid ounce) (or) (1 tbsp) per gallon of water. Apply (this product) (product name) to soiled area with a mop(.)(cloth)(,) (or) (sponge). Thoroughly wet soiled surface and clean as necessary. (For tough soils, may apply at full strength)(and rinse))

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

Cleaning/Deodorizing Directions:

Add 1 to 2 fluid ounces per gallon of water (or equivalent use dilution) to clean and deodorize windows, mirrors and glass surfaces.

Use a coarse spray device. Spray 6-8 inches from surface, rub with sponge or cloth. Do not breathe spray mist.

POULTRY (AND SWINE) PREMISE DISINFECTION

Site Preparation: The first step in any on-going sanitation program must be the removal of visible contamination and debris. This is accomplished by 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 disinfection use 2 fluid ounces of (this product or product name) per gallon of water (or equivalent use dilution). Apply (this product or 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.

APPLICATIONS AND USE DILUTION

Poultry (And Swine) Premise Disinfection (Special Instructions for Inactivating Avian Influenza A): Remove all (poultry) (swine) (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 (poultry) (swine) (animals). Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Use 2 fluid ounces of (this product or product name) per gallon of water (or equivalent use dilution). Saturate surfaces with the recommended disinfecting solution for a period of 10 minutes. Ventilate buildings, coops and other closed spaces. Do not house (poultry) (swine) (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 (poultry) (swine) (animals), as well as forks, shovels, and scrapers used for removing litter and manure.

Hatcheries: Use 2 fluid ounces of (this product or product name) per gallon of water (or equivalent use dilution) to treat the following hard non-porous surfaces: hatchers, setters, trays, racks, carts, sexing tables, delivery trucks and other hard surfaces. Leave all treated surfaces exposed to disinfectant solution visibly wet for 10 minutes or more. Rinse with potable water before reuse. Then allow to air dry. For visibly soiled areas, a pre-cleaning step is required.

Vehicles: Clean all vehicles including mats, crates, cabs, and wheels with high pressure water and (this product or product name). Use 2 fluid ounces per gallon of water (or equivalent use dilution) to treat all vehicles. Leave all treated surfaces exposed to disinfectant solution visibly wet for 10 minutes or more.

Shoe Bath Directions: Shoe baths containing one inch of freshly made solution must be placed at all entrances to buildings, hatcheries and at all the entrances to the production and packaging rooms. Scrape waterproof shoes and place in 2 fluid ounces of (this product or product name) per gallon of water solution (or equivalent use dilution) for 10 minutes prior to entering area. Change the use-solution in the bath daily or sooner if solution appears dirty.

Dressing Plant Use: Disinfect equipment, utensils, walls and floors in poultry and animal dressing plants. Disinfect offal rooms, exterior walls and loading platforms of dressing plants. Cover or remove all food and packaging materials. Remove all visible soils. Saturate all surfaces with the use-solution, 2 fluid ounces of (this product or product name) per gallon of water (or equivalent use dilution). Scrub to loosen all soils. Allow to soak for 10 minutes and thoroughly rinse all wetted and cleaned surfaces with potable water.

Veterinary Practice/Animal Care/Animal Laboratory/Zoos/Pet Shop/Kennels Disinfection 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 2 fluid ounces of (this product or product name) per gallon of water (or equivalent dilution) 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.

Farm Premise Use: Do not use in milking stalls, milking parlors or milk houses. Remove all animals and feed from premises, vehicles and enclosures. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities and fixtures occupied or traversed by animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate all surfaces with a use-solution of 2 fluid ounces of (this product or product name) per gallon 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 in removing litter and manure. Ventilate buildings, cars, trucks, boats and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains and waterers with soap or detergent and rinse with potable water before reuse.

Ultrasonic Bath Disinfectant Directions: Use (this product or product name) to disinfect hard non-porous non-critical objects compatible with Ultrasonic cleaning units. Pour fresh solution at 2 fluid ounces of (this product or product name) per gallon of water (or equivalent use dilution) directly into bath chamber. Pre-clean visibly soiled objects. Place objects into unit and operate for a minimum of 10 minutes, according to the manufacturer's directions. Remove objects and wash with sterile water (sterile water for injection) or allow to air dry. Prepare fresh solution for each use.

Disinfection of Hard Non-Porous Surfaces in Whirlpool Units: After using the whirlpool unit, drain and refill with fresh water to just cover the intake valve. Add 2 fluid ounces of (this product or product name) for each gallon of fresh water added. Start the pump to circulate the solution. Wash down the unit sides, seat of the chair, lift and any/all related equipment with a clean swab, brush or sponge. Treated surfaces must remain visibly wet for 10 minutes. After the unit has been thoroughly cleaned, drain the solution from the unit and rinse any/all cleaned surfaces with fresh water. Repeat for visibly soiled units.

Commercial Florist Use Directions: To clean, disinfect and deodorize hard non-porous surfaces in one step^{2,4}, prepare use-solution by adding (mixing) 2 fluid ounces per gallon of water (or equivalent use dilution). For heavy-duty use, add (mix) 8 fluid ounces per gallon of water.

Remove all leaves, petals, garbage and refuse. Pre-clean surfaces using pressurized water where possible. Apply use-solution to hard (inanimate) non-porous surfaces thoroughly wetting surfaces as recommended and required, with a cloth, mop, brush, sponge or sprayer.

For visibly soiled areas, a preliminary cleaning is required.

For sprayer applications, use a coarse mist pump or trigger sprayer. Spray 6-8 inches from surface; rub with brush, sponge or cloth. Do not breathe spray mist.

Treated surfaces must remain visibly wet for 10 minutes. Allow to air dry.

Prepare a fresh solution at least daily or sooner if use-solution becomes visibly dirty.

Disinfection of Barber/Salon Tools Directions: Immerse pre-cleaned barber/salon tools (combs, brushes, razors, manicure/pedicure tools, clippers, scissors, trimmer blades) in a 2 fluid ounces of this product (product name) per gallon of water use-solution (or equivalent dilution) (703 ppm active quaternary) for at least 10 minutes. Rinse instruments thoroughly and dry before reuse. A fresh use-solution must be prepared daily or more often if the use-solution becomes cloudy or soiled.

NOTE: Plastics may remain immersed until ready to use. Stainless steel shears and instruments must be removed after 10 minutes, rinsed, dried and kept in a clean non-contaminated receptacle. Prolonged immersion may cause damage to stainless steel or metal instruments.

Cleansing of Body Surfaces and Body Orifices of Human Remains: To cleanse away skin secretions and accompanying malodor, to insure the removal of all soil and bloodstains, and to remove and reduce surface contamination, apply 8 fluid ounces of this product (product name) to 4 gallons of water (2 fluid ounces per gallon of water) (703 ppm active quaternary) (or equivalent dilution) to the surfaces and body openings, natural or artificial. Bathe the entire body using a sponge or washcloth. A soft brush may be employed on surfaces other than the face. Allow 10 minute contact time for optimal results. Prepare a fresh solution for application to each remains.

(Not for use in California)

WATER AND SMOKE DAMAGE RESTORATION AGAINST ODOR-CAUSING BACTERIA AND FUNGI FOR NON-HEALTHCARE INSTITUTIONAL AND INDUSTRIAL USE

(This product or product name) is particularly suitable for use in water damage restoration situations against odor causing bacteria on the following porous and semi-porous materials: carpets, carpet cushion, sub floors, drywall, trim, and frame lumber, tackless strip and paneling. Mix 2 fluid ounces of (this product or product name) per gallon of water (or equivalent use dilution), saturate affected materials with enough use-solution to remain visibly wet for at least 10 minutes. Use proper ventilation.

Sewer backup & river flooding: During mitigation procedures, dilute 2 to 4 fluid ounces of (this product or product name) per gallon of water (or equivalent use dilution) allowing for the diluting effect of absorbed water within saturated materials. Remove visible filth or soil along with non-salvageable materials. Saturate all affected areas with a sprayer using a coarse spray tip, before and after cleaning and extraction.

Carpets, carpet cushions and other porous materials such as sub floors, drywall, trim and frame lumber, tackless strip and paneling: For water damage from a clean water source, extract excess water. Test hidden area for colorfastness. Mix 2 to 4 fluid ounces of (this product or product name) per gallon of water (or equivalent use dilution), allowing for the diluting effect of absorbed water within saturated materials. Remove visible filth or soil. Apply directly with a sprayer using a coarse spray tip, 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.

Special Instructions for Cleaning Carpet Against Odor Causing Bacteria: (This product or product name) may be used in industrial and non-healthcare institutional areas: motels and hotels, nursing homes and schools. For use on wet cleanable synthetic fibers, do not use on wool. Vacuum carpet thoroughly prior to cleaning. Test fabric for colorfastness.

For portable extraction units: Mix 2 fluid ounces of (this product or product name) per gallon of water.

For truck mounted extraction machines: Mix 48 fluid ounces of (this product or product name) per gallon of water and meter at 4 gallons per hour.

For rotary floor machines: Mix 4 fluid ounces of (this product or product name) per gallon of water and apply at the rate of 300-500 sq. ft. per gallon.

Do not mix (this product or product name) with other cleaning products. Follow the cleaning procedures specified by the manufacturer of the cleaning equipment. After using this product, set the carpet pile and protect the carpet from furniture legs and bases while drying. Do not over wet. If applied to stain resistant nylon carpet, apply a fabric protector according to the carpet manufacturer's directions.

(Not for use in California)

Carpet Deodorizer against Odor-Causing Bacteria for Non-Healthcare Institutional and Industrial Use: (This product or product name) deodorizes the carpet by controlling/reducing the growth of odor-causing bacteria. It can be used in industrial and non-healthcare institutional areas: motels, hotels chains, nursing homes.

Vacuum carpet thoroughly prior to application. Mix 2 fluid ounces of (this product or product name) per gallon of water (or equivalent use dilution). Follow the Injection and/or Extraction procedures as specified for any conventional steam cleaning equipment you are using. For rotary floor machines, mix 4 fluid ounces per gallon of water and spray on carpet at a rate of 300-500 sq. ft. per gallon.

For use on washable synthetic fibers. Do not use on wool. Test colorfastness of carpet before use. Apply diluted product to a small concealed spot, then rub with a clean white cloth. If color changes or transfers to cloth, a water-based product should not be used.

After using the product, set carpet pile in one direction with a stiff brush. Place aluminum foil under the legs of furniture while carpet is drying. Over-wetting can cause carpet to shrink. Manufacturer assumes no responsibility for over-wetting misuse.

Note: This product should not be mixed with other cleaning products.

Smoke Damage Restoration: (This product or product name) is effective against odor causing bacteria and fungi in non-healthcare institutional and industrial premises. (This product or product name) is particularly suitable for use in smoke damage restoration situations against odor causing bacteria on the following porous and semi-porous materials: carpets, carpet cushion, sub floors, drywall, trim and frame lumber, tackless strip and paneling. Follow directions as outlined in the Water Damage Restoration section. Using solutions recommended, saturate affected materials with enough product to remain visibly wet for at least 10 minutes. Use proper ventilation.

(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 dispenser 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.

(Alternate language)

DILUTION SYSTEM SPECIFIC DIRECTIONS FOR USE

(Automatic Dilution)(Dilution System Name) ((Closed)(Open) Loop): (Concentrated product – dilute before using) ATTACH this product (PRODUCT NAME) TO THE AUTOMATIC DILUTION CENTER: Remove white cap from product bottle. DO NOT REMOVE purple PLUG FROM BOTTLE THROAT! Attach the bottle to the automatic dilution center by screwing on matching purple dispensing cap connected to dilution center. Push down while screwing on cap. This dispensing system delivers 2 fl. oz. per gallon of water (2:128) (1:64) use solution.

(OR)

<<System Descriptors:>>

(The) ProFill (Dispensing) (Unit) (System)

(The) EZFill (Dispensing) (Unit) (System)

(The) Dilute2Go (Dispensing) (Unit) (System) (D2G)

(The) (MDU) (MDD) (Mobile) (Dispensing) (Dilution) (Device) (Unit) (System)

(The) (PDU) (PDD) (Portable) (Dispensing) (Dilution) (Device) (Unit) (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 2 fl. oz. (product) per gallon of water (2:128) (1:64) use solution.)

(!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 (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)

Smart Mix Pro Dispensing System:

1. Fill Smart Mix Pro 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)

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 (2:128)() for low flow rate applications such as filling trigger spray bottle.

(1:64)



Rotate control knob to (2:128)() for high flow rate applications as filling a mop bucket.

(1:64)

Squeeze handle to dispense a 2 fl. oz. per gallon of water (1:64 or 2: 128) 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 1:64 (or) (2: 128) dilution). Keep packets in box until ready to use. (Pour contents of packet into x gallons of water for a 1:64 (2: 128) dilution.)

or

Pour contents of (1 or 2 fl. oz)(x fl. oz) packet into (1 or 2)(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 fl. oz product) (x packet(s)) and x (fl. oz) (gal) water for a (x:x) intermediate dilution.
2. Combine x (fl. oz) of the Intermediate Service Solution and x (fl. oz)(gal) water to achieve the final use dilution of 2:128 or 1: 64.
3. Follow Directions for Use for, (Disinfection), (Insert applicable use header).

Alternate instruction for product used in conjunction with applicator/sprayer name:

To Connect with insert applicator/sprayer name

Follow the proper (step)(calculation) to achieve the final use dilution of 1: 64 or 2: 128.

[Connect]

Connect adaptor cap [from *insert applicator/sprayer name*] [to bottle] and twist until tight[ened]. [Refer to user manual for specific operating instructions before use]

{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 - (mandatory language - choose applicable directions)	
<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 in trash.
<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.
<i>Packet Disposal</i>	Do not reuse; discard empty container and put in trash.
Note to reviewer: The following one-way opening container qualifier is optional language and not required on the in-commerce label.	Nonrefillable container. Do not reuse or refill this container. When container is empty, replace cap and discard in trash.
<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>	

(Reusable Container Statement)

A container, such as a spray bottle, can be reused once empty. First prepare an appropriate use-solution from concentrate. A dilution dispenser (or name specific equipment such as the Dynamix dispenser) can be used to prepare the use-solution. 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 the newly filled container.

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.

2 FLUID OUNCE PACKET LABEL TO BE USED WITH MASTER CONTAINER LABEL:

MIX EACH PACKET WITH 1 GALLON OF WATER

NP 4.5 (D&F) DETERGENT/DISINFECTANT

EPA Reg. No. 1839-95
EPA Est. No. 1839-IL-1

NET CONTENTS: (2) FLUID OZ.

ACTIVE INGREDIENTS:

Alkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈)
dimethyl benzyl ammonium chlorides 2.25%

Alkyl (68% C₁₂, 32% C₁₄)
dimethyl ethylbenzyl ammonium chlorides 2.25%

INERT INGREDIENTS 95.50%

TOTAL 100.00%

**KEEP OUT OF 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
1101 Skokie Blvd, Suite 500
Northbrook, IL 60062

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 1:64 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:

NP 4.5 (D&F) Detergent/Disinfectant/ Product Brand Name

E.P.A. Reg. No. 1839-95
E.P.A. Est. No. 1839-IL-1 (xxx-xx-xxx)

ACTIVE INGREDIENTS

Alkyl (60% C ₁₄ , 30% C ₁₆ , 5% C ₁₂ , 5% C ₁₈)	
dimethyl benzyl ammonium chlorides	2.25%
Alkyl (68% C ₁₂ , 32% C ₁₄)	
dimethyl ethylbenzyl ammonium chlorides.....	2.25%
(INERT)(OTHER) INGREDIENTS	95.50%
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.

KEEP OUT OF REACH OF CHILDREN

PRECAUTIONARY STATEMENTS

KEEP OUT OF REACH OF CHILDREN. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. 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.

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. Call a poison control center or doctor for treatment advice.

STEPAN COMPANY
1101 Skokie Blvd, Suite 500
Northbrook, IL 60062

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 small non-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 [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."

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.)



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

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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.



(intermediate service solution container)
 (spray dispensing container)
 (sprayer system)
 (sink with faucet)
 (work station tub or sink)
 (rubber gloves) (mask exteriors)(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, Lemon, Lime, Floral, Lavender)
{Note to reviewer the exact virus image below may be used in association with SARS-CoV-2 marketing claims and applicable directions for use as a stylized graphic including any of the following statements: "Kills (the) COVID-19 Virus^{4,5}"; "Effective against SARS-CoV-2^{4,5}"; "Kills SARS-CoV-2^{4,5} (in) (just) (30 seconds)".}

