



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number:

94602-65

Date of Issuance:

6/25/25

NOTICE OF PESTICIDE:

☒ Registration  
☐ Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

GBS Alkaline Disinfectant 4.0

Name and Address of Registrant (include ZIP Code):

Natasha Hall  
Grey Beard, LLC  
Electronic Transmittal: natasha.hall@greybreadllc.com

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

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

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

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

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

Signature of Approving Official:

Luisa Samalot, Product Manager 31  
Regulatory Management Branch I, Antimicrobials Division  
(7510P)

Date:

6/25/25

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

- a. Alkyl (50%C14, 40%C12, 10%C16) Dimethyl benzyl ammonium chloride GDCI- Alkyl 069105-30882
- b. Alkyl (50%C14, 40%C12, 10%C16) Dimethyl benzyl ammonium chloride GDCI- Alkyl 069105- 1679
- c. Octyl Decyl Dimethyl Ammonium Chloride GDCI-069165- 30870
- d. Octyl Decyl Dimethyl Ammonium Chloride GDCI-069165-1736
- e. Didecyl Dimethyl Ammonium Chloride GDCI-069149-30869
- f. Didecyl Dimethyl Ammonium Chloride GDCI-069149-0681
- g. Dioctyl Dimethyl Ammonium Chloride GDCI-069166-30875
- h. Dioctyl Dimethyl Ammonium Chloride GDCI-069166-1737

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

3. Make the following label changes before you release the product for shipment:
- Revise the EPA Registration Number to read, "EPA Reg. No. 94602-65."
4. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. See FIFRA section 2(p)(2). If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process, FIFRA section 12(a)(1)(B). Therefore, should the Agency find or if it is brought to our attention 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.

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

- Basic CSF dated 08/29/2024
- Alternate CSF 1 dated 08/29/2024

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Action Case No. 00497260

- Alternate CSF 2 dated 08/29/2024
- Alternate CSF 3 dated 08/29/2024
- Alternate CSF 4 dated 08/29/2024
- Alternate CSF 5 dated 08/29/2024
- Alternate CSF 6 dated 08/29/2024
- Alternate CSF 7 dated 08/29/2024
- Alternate CSF 8 dated 08/29/2024
- Alternate CSF 9 dated 08/29/2024
- Alternate CSF 10 dated 08/29/2024
- Alternate CSF 11 dated 08/29/2024

If you have any questions, please contact Karen Leavy by phone at 202-566-0668, or via email at [Leavy.Karen@epa.gov](mailto:Leavy.Karen@epa.gov).

Enclosure: Stamped label



1931G Rohlwing Road • Rolling Meadows, IL 60008 • 800-837-0499

# GBS Alkaline Disinfectant 4.0

EPA Reg. No. 94602-

EPA Est. No

(Note to Reviewer: Marketing claims may be used on the front panel.)

## ACTIVE INGREDIENTS:

Alkyl (50%C14, 40%C12, 10%C16)

Dimethyl benzyl ammonium chloride.....1.000%

Octyl Decyl Dimethyl Ammonium Chloride .....0.750%

Didecyl Dimethyl Ammonium Chloride.....0.375%

Dioctyl Dimethyl Ammonium Chloride.....0.375%

OTHER INGREDIENTS:.....97.500%

TOTAL:.....100.000%

{Weight Approx. 8.43 lbs./gallon}

**KEEP OUT OF REACH OF CHILDREN**

**DANGER {PELIGRO}**

{See [{left} {back} {side} {right} {insert} {panel} {of label}] {below} for {additional} {precautionary statements}}.

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

(Note to Reviewer: In accordance with 40 CFR 156.68(d), all first aid statements, as prescribed, will appear on the front panel of the product label.)

## FIRST AID

**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.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.

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

**GENERAL INFORMATION:** Have the product container or label with you when calling a poison control center or doctor or going for treatment. For non-emergency and general information on product use, etc., information pertaining to this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378, Monday – Friday, 8:00 am – 12:00 pm Pacific Time; email: npic@ace.orst.edu; or web site: www.npic.orst.edu. For emergencies, call the poison control center 1-800-222-1222.

{For [{chemical} {and} {or} {medical} {and} {or} {environmental}] emergencies, call {insert number of emergency contact} {hours of operation} {24 hours a day} {7 days a week}}.

(Note to Reviewer: This referral statement may be organized in any order to be grammatically correct.) The term "x" is a place holder for numerical digits. Punctuation and plural/singular word forms may be adjusted to allow for grammatical correctness. Appropriate metric or imperial unit conversion may be added as optional supplemental information.)

{{Consult} {See {additional} {sheet} {insert} {inside} {outer container} {Product Information} {Bulletin} for {other} {directions for use} {and} {information} {claims} {organisms} {applications}}.

Manufactured for: Gray Beard LLC  
1931G Rohlwing Road  
Rolling Meadows, IL 60008

Net Contents:

{{Batch} {Lot} No} {Manufacturing Date}}:  
{Product of USA} {Made in the USA}

**ACCEPTED**

**06/25/2025**

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 94602-65

## MARKETING CLAIMS

*(Note to Reviewer: Marketing text is considered optional. Commas and the words “and” “or” can be added to phrases to make text grammatically correct.)*

*(Note to Reviewer: The below marketing claims may be used anywhere on the product packaging label)*

### GENERAL

- Antimicrobial
- Can be applied through [{foaming apparatus} {and} {low-pressure sprayer systems}]. Follow manufacturers' instructions when using this equipment. *(Note to Reviewer: Foaming apparatus not for use in CA.)*
- Clear formula. *(Note to Reviewer: To be used only when no dyes are present)*
- Contains no fragrances. *(Note to Reviewer: To be used only when no fragrances are present)*
- Is fragrance-free. *(Note to Reviewer: To be used only when no fragrances are present)*
- [{Controls} {Prevents} {Inhibits}] the growth of mold and mildew {(Aspergillus niger)} {and the odors caused by them} {when applied to hard, non-porous surfaces}.
- Formulated for effective mushroom farm sanitation.
- Formulated for effective poultry premise sanitation.
- Formulated for effective swine premise sanitation.
- Has been designed specifically for areas where housekeeping is of prime importance.
- This product is an economical concentrate that must be used with a mop and bucket, hand pump trigger sprayer, low pressure coarse sprayer or sponge.
- Helps to maintain blades that operate with reduced friction and with smoother clipping action.
- Is an economical concentrate that can be used with a mop and bucket, trigger sprayer, sponge, or by soaking.
- Is designed for use in pet salons, animal hospitals, barber and beauty shops.
- Is effective for the control of small flies on hard, non-porous, non-food contact surfaces such as floors, walls, drains, countertops, metal surfaces, painted surfaces, glazed porcelain, glazed tile, glass, chrome, rubber, and plastic in restaurants, kitchens, dishwashing areas, and bar and wait station areas.
- Is for larger areas such as operating rooms and patient care facilities.
- Is non-staining.
- Non-abrasive formula will not [{harm} {scratch}] surfaces.
- Non-dulling formula eliminates the time and labor normally required for rinsing floors.
- Small fruit fly ovicidal treatment.
- {To control mold and mildew} {controls {and} {prevents} {inhibits} the growth of mold and mildew} {(Aspergillus niger)} {(ATCC 6275)} {and the odors caused by them when applied to hard, non-porous, non-food contact surfaces}.
- Use this product to treat hard, non-porous multi-touch surfaces that may be responsible for cross-contamination.
- Will not [{bleach} {scratch}] surfaces.
- Will not harm sealed stone, sealed grout, or glazed tile.
- Will not harm most surfaces.
- Will not leave grit or soap scum.
- *(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.)*

### DISINFECTION MARKETING CLAIMS

*(Note to Reviewer: The following marketing claims may be used with the prefix “This product {is} {a} {an}”).*

- Can be used to disinfect, clean, and deodorize terrarium and small animal cages, substrate, and other hard, non-porous cage [{equipment} {furniture} {plastic terrarium ornaments} {and} {water dishes}]. (Do not use on porous rocks, hot rocks, and driftwood.)
- Cleans, disinfects, and deodorizes {on} hard, non-porous surfaces {by killing {many} odor-causing microorganisms {and mold and mildew}} {leaving surfaces smelling fresh and clean}.
- Cleans, disinfects, and deodorizes hard, non-porous {hospital} {medical} surfaces {with no rinsing required}.
- Disinfects hard, non-porous, non-food contact {hospital} {medical} surfaces in one step {with no rinsing required}.
- Cleans, disinfects, and deodorizes hard, non-porous surfaces such as flower buckets, walls, floors of coolers, shippers, greenhouse packing areas, garbage pails, design and packing benches, countertops, and other areas where obnoxious odors develop.

- Cleans and disinfects non-medical (e.g., industrial and firefighting) respirators in industrial, commercial, and institutional premises.
- Cleans, sanitizes, and disinfects hard, non-porous surfaces of personal protective safety equipment, protective headgear, athletic helmets, wrestling/boxing headgear, athletic shoe soles, hard hats, headphones, half mask respirators, full face breathing apparatus, gas masks, goggles, spectacles, face shields, hearing protectors, and earmuffs. Rinse all equipment that comes in prolonged contact with skin before reuse with clean warm water (about 120°F) and allow to air dry. (Precaution: Cleaning at 120°F temperature will avoid overheating and distortion of the personal safety equipment that would necessitate replacement.)
- Cleans, sanitizes, and disinfects hard, non-porous ambulance equipment and surfaces.
- Cleans, shines, deodorizes, and disinfects all hard, non-porous {non-food contact household} surfaces {listed on the label}.
- Delivers non-acid disinfection performance in an economical concentrate.
- {Disinfects} {Disinfectant}.
- Disinfects hard, non-porous athletic surfaces.
- Disinfects {and sanitizes} hard, non-porous {non-food contact kitchen} {and} {bathroom} surfaces {and floors}.
- Has demonstrated effectiveness against Influenza A {(H5N1)} Virus.
- Is a broad-spectrum disinfectant that has been shown to be effective against Influenza A {(H5N1)} Virus on hard, non-porous, nonfood contact surfaces.
- Is a concentrated hospital use disinfectant that is effective against a broad spectrum of bacteria, is virucidal\* {fungicidal} {and} {mildewstatic}, and eliminates odor causing bacteria when used as directed.
- Recommended for Poultry Premise Disinfection (Hatcheries), Egg Receiving Areas, Egg Holding Areas, Setter Room, Tray Dumping Area, Trays, Buggies, Racks, Egg Flats, Chick Holding room, Poultry Buildings, Ceilings, Sidewalls and Floors, Drinkers, and all other Poultry House related Equipment, and all other hard, non-porous surfaces in the Hatchery Environment.
- Use this product for Swine Premise Disinfection: Waterers and Feeders, Hauling Equipment, Dressing Plants, Loading Equipment, Farrowing Barns and Areas, Nursery, Blocks, Creep Area, Chutes.
- Kills Pandemic 2009 H1N1 Influenza A virus {formerly called swine flu}.
- Is a {concentrated} non-acid {bowl and} bathroom cleaner, which cleans, disinfects, and deodorizes.
- Is a disinfectant and non-food contact surface sanitizer for cleanroom and laboratory areas on washable, hard, non-porous, nonfood contact surfaces such as: laminar-airflow equipment, biosafety cabinet work surfaces, and exterior surfaces of the following: countertops, sinks, plumbing fixture surfaces, incubators, refrigerators, and centrifuge surfaces of metal, stainless steel, glass, plastic {such as polystyrene or polypropylene}, Formica®, and vinyl.
- Is a multi-purpose cleaner, deodorizer, and disinfectant.
- Is a {detergent} {hospital-use} germicidal {disinfectant} cleaner {{and} {{deodorant} {odor-counteractant} {odor neutralizer}}}} designed for general cleaning, {and} disinfecting, {deodorizing} {and controlling mold and mildew on} {of} hard, non-porous, nonfood contact surfaces.
- Is a one-step {detergent} {hospital-use} germicidal disinfectant designed for {disinfecting} {of} hard, non-porous, non-food contact surfaces.
- Is a phosphate-free formulation designed to provide effective cleaning, deodorizing, and disinfection in areas where housekeeping is of prime importance in reducing cross-contamination on treated surfaces.
- for sanitizing and disinfecting of ultrasound transducers, probes, mammography compressor plates and other hard, non-porous surfaces. Will not cause swelling of transducer membrane or harm compressor plates.
- on coils and drain pans of air conditioning and refrigeration equipment and heat pumps. Follow the directions for sanitization of hard, non-porous non-food contact surfaces.
- Is a one-step {detergent} disinfectant that is effective against a broad spectrum of bacteria, is virucidal\* {(including HIV-1)}, and inhibits the growth of mold and mildew and their odors when used according to the disinfection directions on hard, non-porous, non-food contact surfaces.
- Is a proven disinfectant, cleaner, sanitizer, mildewstat, and virucide\*.
- Is a versatile cleaner, sanitizer and broad-spectrum disinfectant formulated for use on hard, non-porous bath and therapy equipment {(whirlpools)}.
- Is a versatile disinfectant {and sanitizer} for veterinarian, veterinary practice, animal care, animal laboratory, agricultural, and farm premise applications.
- Is an effective {{bactericide} {and} {virucide\*} {disinfectant} {fungicide} {non-food contact sanitizer}} in the presence of {{organic soil} {5% {blood} serum}}.
- Is an effective fungicide against Trichophyton interdigitale (the athlete's foot fungus) when used on hard, non-porous surfaces in areas such as locker rooms, dressing rooms, shower and bath areas, and exercise facilities.
- Is designed to provide both general cleaning and disinfection. • Is for use as a disinfectant on hard, non-porous, non-food contact surfaces {at 781 ppm active}.

- Is for use in federally inspected meat and poultry plants on all hard, non-porous surfaces in inedible product processing areas, nonprocessing areas and/or exterior areas, federally inspected meat and poultry plants as a floor and wall cleaner for use in all departments, and federally inspected meat and poultry plants as a disinfectant agent for use in all departments.
- Is used to disinfect hard, non-porous salon/barber tools and instruments such as combs, clippers, plastic rollers, brushes, trimmers, razors, scissors, blades, tweezers, baths, manicure instruments, pedicure instruments, and footbath surfaces.
- Is a versatile sanitizer and broad-spectrum disinfectant formulated for use on hard, non-porous surfaces in {ultrasonic baths} {ultrasonic cleaning units}.
- Kills (insert virus\* name from approved organism listing for this product).
- Kills {99.9% of} {(insert any disinfection organism listed)} {on hard, non-porous, non-food contact surfaces}.
- Kills {Avian} Influenza A {Flu} Virus {(H5N1)}.
- This product is a one-step 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 was tested according to the AOAC Use-Dilution Test and is approved for use in hospital (and healthcare) disinfection
- Kills bacteria and helps reduce cross-contamination on treated hard, non-porous, non-food contact kitchen surfaces listed on this label.
- Kills {99.9% of} [{bacteria}] {and} {viruses\*}.
- Kills bacteria.
- Meets surface disinfection recommendations from OSHA Bloodborne Pathogen Standard.
- {Detergent} Disinfectant {Cleaner}
- {Detergent} Disinfectant
- {This product} is a broad-spectrum disinfectant that has been shown to be effective against Influenza A {(H5N1)} Virus on hard, non-porous, non-food contact surfaces.
- When used as directed, will disinfect metal clipper blades as well as many other hard, non-porous surfaces
- [{Kills {99.9% of}}] {[is] Effective against} [Eliminates 99.9% of] {has demonstrated effectiveness against} [SARS-CoV-2 {Virus} {SARS-Related Coronavirus 2}] {[the virus that causes} {which causes} {the causative agent of}] [{COVID-19 Virus} {Coronavirus}] on hard, non-porous surfaces [in {just} [{1 minute} {60 seconds} {One Step}]] {!}
- Disinfects hard, non-porous surfaces by killing 99.9% of SARS-CoV-2 {Virus} {,} {[which causes} {causative agent of} {the virus that causes}] [{COVID-19 Virus} {Coronavirus}] [in {just} [{1 minute} {60 seconds} {One Step}]] {!}

## SANITIZATION MARKETING CLAIMS

**(Note to Reviewer: The following marketing claims may be used with the prefix "This product {is} {a} {an}").** •

- Is a hard, non-porous, non-food contact surface sanitizer.
- Is an effective sanitizer {in the presence of [{soils} {5% serum contamination}]} on hard, non-porous, non-food contact surfaces.
- Is {[for use as a] {an effective}} non-food contact sanitizer {and cleaner} on hard, non-porous, non-food contact surfaces {(781 ppm active)}.
- Is {[for use as a] {an effective one-step}} non-food contact sanitizer on hard, non-porous, non-food contact surfaces {(781 ppm active)}.
- Kills {99.9% of} bacteria {on {the} sealed and hard, non-porous floor{s}} {ordinary dish soap can't}.
- Sanitizes hard, non-porous bathroom surfaces {and floors}.
- {This product} is designed to provide effective cleaning, deodorization, sanitization and disinfection specifically for {insert use site{s} from Use Site table} where housekeeping is of prime importance in reducing the hazard of cross contamination
- This product controls {reduces} {eliminates} {neutralizes} {destroys} odors to make your home {kitchen} {bathroom} sanitary.

## SOFT SURFACE {SANITIZATION} {CLAIMS}

**{Composed of 100% cotton or 100% polyester or 50/50 cotton/polyester}**

- A proven sanitizer on soft surfaces as a spot treatment
- An effective soft surface sanitizer as a spot treatment
- Great for use on soft surfaces such as blinds, beddings, {blankets, chairs, couches, curtains, drapes, exercise mats, fabric{s}, gym bags, headrests, linens, mats {for day care}, mattresses, seat-and/or-soft cushions, shades, sheets,

sofas, sports equipment {lining}, towels, armchairs, upholstered furniture, upholstery, washcloth, and window treatments as a spot treatment.

- Kills 99.9% of bacteria on {hospital} soft surfaces, fabric, blinds, beddings, {blankets, chairs, couches, curtains, drapes, exercise mats, fabric{s}, gym bags, headrests, linens, mats {for day care}, mattresses, seat-and/or-soft cushions, shades, sheets, sofas, sports equipment {lining}, towels, armchairs, upholstered furniture, upholstery, washcloth, and window treatments as a spot treatment.
- One-step cleaner sanitizer on soft surfaces when the directions for use for sanitization are followed.
- {Removes} {and} {or} {Eliminates} odors by killing odor-causing bacteria on {soft surfaces} {fabrics} {blinds} {bedding} {blankets} {chairs} {couches} {curtains} {drapes} {exercise mats} {fabric{s}} {gym bags} {headrests} {linens} {mats} {for day care} {mattresses} {seats} {and} {or} {soft cushions} {shades} {sheets} {sofas} {sports equipment} {lining} {towels} {armchairs} {upholstered furniture} {upholstery} {washcloth} and {window treatments} as a spot treatment.
- Sanitizes by killing *Klebsiella aerogenes* and *Staphylococcus aureus* on soft surfaces in 5 minutes as a spot treatment.
- Sanitizes fabric {and} {or} {soft surfaces} {fabrics} {blinds} {bedding} {blankets} {chairs} {couches} {curtains} {drapes} {exercise mats} {fabric{s}} {gym bags} {headrests} {linens} {mats} {for day care} {mattresses} {seats} {and} {or} {soft cushions} {shades} {sheets} {sofas} {sports equipment} {lining} {towels} {armchairs} {upholstered furniture} {upholstery} {washcloth} and {window treatments} as a spot treatment.
- {This product} is formulated to clean, deodorize, and sanitize automobile interior such as {soft surfaces} {car seats} {headrests} {seat belts} {upholstery} {floor mats} {5 minutes}.
- Sanitizes soft surfaces in one step.
- Sanitizes soft surfaces as a spot treatment {5 minutes}
- Sanitizes and freshens soft surfaces {fabrics}
- Effective antibacterial fabric and soft surface spot treatment spray
- Sanitizer for use on soft surfaces as a spot treatment
- Multi-room sanitizer {proven} {tested} for everyday use as a spot treatment on {soft surfaces} {fabrics} {household fabrics}
- An effective {sanitizer} {deodorizer} for {spot treatment of soft surfaces}
- An effective {soft surface} sanitizer {for fabrics} as a spot treatment {for use on} {in} {fabrics} {soft surfaces} {household fabrics} {daily wear fabrics} {every day fabrics} {clothes} {shoes} {socks}
- Can be used as a spot treatment {on} {to} {sanitize} {sanitization} {of} {soft surfaces} {fabrics}
- Great for use as a {soft surfaces} {household fabrics} {daily wear fabrics} {everyday fabrics} {clothes} {shoes} {socks} {fabrics} spot treatment sanitizer
- {This product} sanitizes {soft surfaces} fabric surfaces as a spot treatment
- Sanitizes {soft surfaces} {fabrics} in the {kitchen} {bathroom} {bedroom} {basement} {hallways} {restroom} {household} {away from home} {all around the house} {man cave} {5 minutes} for spot treatment {to eliminate odors caused by bacteria}
- Formulated to {remove} {kill} {get rid of} 99.9% of bacteria as a spot treatment on {fabrics} {soft surfaces} {household fabrics} {daily wear fabrics} {everyday fabrics} {clothes} {shoes} {socks} {Can be used} {Use} {on} {to} {kill} {sanitize} {99.9%} {of} bacteria as a spot treatment on {soft surfaces} {fabrics}
- Eliminates odor in your household fabrics {surface of rugs} {upholstery} {furniture} {drapes} {curtains} {soft surfaces} {mattress}{bedding}{clothing} {closets} {clothes hampers} {auto seats} {to leave your home smelling clean and fresh} {shoes} {socks} {gym bag} as a spot treatment by killing bacteria at their source
- Removes {get rid of} {reduces} 99.9% bacteria from a variety of sources on {soft surfaces} {fabrics} {household fabrics} as a spot treatment
- Kills 99.9% and controls the growth of common bacteria as a spot treatment {on} {soft surfaces} {fabrics} {household fabrics}
- Kills {99.9 % of} odor causing bacteria {on} {soft surfaces} {fabrics} {household fabrics} as a spot treatment
- Kills 99.9 % of bacteria that cause odors {on} {soft surfaces} {fabrics} {household fabrics} as a spot treatment
- Kills {destroys} {reduces} 99.9% of bacteria {household bacteria} on {soft surfaces} {fabrics} {clothes} {household fabrics} as a spot treatment
- Kills 99.9% bacteria as a spot treatment on {surface of rugs} {upholstery} {furniture} {mattresses} {bedding} {pillows}
- Keep fabrics {soft surfaces} smelling fresher longer by killing 99.9% of bacteria that cause odors
- Eliminates odors on your bathmat and the bacteria that cause it as a spot treatment
- In 5 minutes, kills 99.9% of bacteria as a spot treatment on {soft surfaces} {fabrics} {household fabrics}
- Effective against *E. coli* and *Staphylococcus* {*Staphylococcus aureus*} as a spot treatment {on} {soft surfaces} {fabrics} {household fabrics}
- Kills 99.9% of Staph {*Staphylococcus aureus*} {*Staph aureus*} and {*Klebsiella aerogenes*} as a spot treatment on {soft surfaces} {fabrics} {everyday fabrics} in 5 minutes

- Kills 99.9% of Staph {*Staphylococcus aureus*} as a spot treatment on {fabrics} {soft surface} {household fabrics} {daily wear fabrics} {everyday fabrics} {clothes} {shoes} {socks}
- Use as a spot treatment on {soft surfaces} {fabrics} where bacteria can linger {dwell}, leaving behind a light fresh scent of clean}
- Helps reduce bacteria transfers between treated {sheets} {pillows} {towels} {mats} {couch} {curtains} {fabrics} {rugs} {blankets} to hands {feet} {face} {fingers} as a spot treatment
- An effective treatment solution that does not harm fabrics and kills bacteria.
- Use when you travel {on your suitcases, clothes} to kill 99.9% of bacteria as a spot treatment
- Use as a spot treatment on movie theater seats {hotel mattresses} {gym mats} {rental cars} to kill 99.9% of bacteria
- Spray on your fabrics as a spot treatment to get rid 99.9% of the bacteria and the smell.
- Sanitizes and freshens hard to wash fabrics
- Reduces odor-causing bacteria on {soft surfaces} as a spot treatment
- Kills {Removes} 99.9% of bacteria as a spot treatment {on} {curtains} {mats} {couches} {fabrics} {towels}
- Sanitize{s} {deodorize} {freshen} {Kills 99.9% of} {Eliminate 99.9% of} bacteria {body soils} on {mattresses} {bedding} {comforters} {futon}s {leaving behind a {light} {sunny} {sun dried} {Fresh} {clean} {new} {scent} {fragrance}}
- Kills bacteria as a spot treatment that cause odors leaving your home {business} smelling {fresh} {clean} {pleasant}
- {Kills} {eliminates} 99.9% of {household} {environmental} bacteria as a spot treatment
- Helps reduce bacteria transfers between shared items such as {insert Soft Surface from Use Site Table}
- Kills 99.9% of bacteria as a spot treatment on all your "unwashables" leaving behind the just washed scent of clean
- Kills 99.9% of bacteria and freshens fabrics and surfaces with every spray
- Effective on bacteria and gentle on your fabric

## FRESHENING CLAIMS

- Freshens
- For a noticeably fresh {home} {business}, spray fabrics, carpets, and air all around your {home} {business}.
- For a noticeable freshness, spray in a sweeping motion over fabric items all around your {home} {business}.
- Brings fabrics back to fresh
- Freshens fabrics, carpets, and air
- Leaves a light pleasant fragrance {in your home} {in any room} {in your business} {away from home}
- Leaves your air smelling clean and fresh
- Makes your {home} {business} a fresher place {to be}
- Makes even hard to clean fabrics smell fresher longer
- Aroma therapy for your carpets and upholstery
- Revitalizing scents for your carpet and upholstery
- Makes your {home} {business} feel good
- Scent lingers to provide long lasting freshness
- Lined dried freshness
- Just washed freshness for your carpets and other soft surfaces
- Light fresh scent
- Longer lasting freshness over time
- Perfect for eliminating {your} {toughest} odors at the source!
- Prevents odors at the source.

## ALLERGEN REMOVAL CLAIMS:

- {Reduces dust mite matter – or – particles}, {cockroach matter – or – particles}, {and pet dander allergens}.
- Reduces Allergens{!}
- Removes Allergens
- Removes allergen from your home
- {Removes} {Reduces} cockroach matter – or – particles
- {Removes} {Reduces} dust mite matter – or - particles
- {Removes} {Reduces} Pet dander - or – dog and cat dander
- Reduces allergy-causing particles, such as {pet dander}, {and} {dust mite matter}
- No rinse Pet dander – or – dog and cat dander eliminator
- Allergen remover
- {Removes} {Reduces} allergen {from} {your} {the} {home}
- {Removes} {Reduces} allergy-casing particles {such as} [{pert} {dog} {cat} dander} {dust mite matter}]

- Great for people who suffer from allergies and asthma.

## CLEANING AND DEODORIZATION MARKETING CLAIMS

- (Note to Reviewer: The following marketing claims may be used with the prefix “This product {is} {a} {an}”.)
- {Also} eliminates odors leaving surfaces smelling clean and fresh.
- {Also} [{removes} {eliminates}] odors {caused by [{bacteria} {and} {mildew} {mold and mildew} {and} {non-fresh foods}]} {leaving {restroom} {kitchen} surfaces smelling clean and fresh}.
- Multi-Surface Cleaner
- Cuts Grease
- Tough on grease
- Tough on sticky messes
- Leaves floors shiny
- Shines floors
- Cleans everyday kitchen messes
- Can be used as a general-purpose antimicrobial detergent in florist shops, wholesale florists, 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 can injure blooms of the various sensitive flowers including carnations, snapdragons, some orchids, baby’s breath, sweet peas, freesia and alstroemeria. *(Not for use in CA.)*
- {Cleans} {Cleaner}
- Cleans by removing dirt, grime, mold, mildew, blood, urine, fecal matter, and other common soils found in animal housing facilities; livestock, swine, or poultry facilities; grooming facilities; farms; kennels; pet stores; veterinary clinics; laboratories; or other small animal facilities.
- Cleans rodent-soiled areas.
- Cleans without bleaching.
- Cleans quickly by removing dirt, grime, mold, mildew, food residue, body oils, dead skin, blood, and other organic matter commonly found in (insert site from Locations).
- {Deodorizes} {Deodorant}.
- Deodorizes moist hard, non-porous surfaces by killing microorganisms that cause offensive odors. *(Not for use in CA.)*
- Is a cleaner and [{deodorant} {odor-counteractant} {odor-neutralizer}] designed for [{general cleaning}, {and} {disinfecting}, {deodorizing} {and controlling mold and mildew}] on hard, non-porous surfaces.
- Is a floor cleaner.
- Is an effective antimicrobial cleaner designed for use by wholesale and retail florists, shippers, and greenhouses.
- Is effective against smoke, bathroom, and kitchen odors as well as odors caused by animal waste and septic tank or sewage backup. *(Not for use in CA.)*
- Is effective at controlling [{mold and mildew} {odor}] on plastic shower curtains.
- Is for non-scratch cleaning of showers and tubs, shower doors and plastic shower curtains, fixtures, and toilet bowls.
- Is for use as a [{cleaner} {deodorizer}] on rugs, floors, walls, tile, cages, crates, mats, litter boxes, floor coverings, or any hard, nonporous surfaces soiled by a pet.
- Is formulated to provide effective cleaning strength that will not dull high-gloss floor finishes with repeated use.
- Is for use in work areas such as tool rooms and garages for odor control and light duty cleaning
- Kills odor causing bacteria in the [{kitchen} {bathroom} {household}].
- [{Malodor Activity} {Odor} {Counteractant}] - [{eliminates} {destroys}] odors {and odor-causing bacteria on hard, non-porous surfaces in restroom areas, behind and under sinks and counters, and storage areas {and other {hard, non-porous} surfaces} where bacterial growth can cause malodors}.
- [{Maximizes} {Improves}] labor results by effectively controlling odors.
- Neutralizes musty odors and tough odors from smoke, pet accidents, and spills on contact.
- This product may be relied on to deodorize coolers, buckets, garbage pails and other areas where obnoxious odors may develop.
- This product 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 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.
- Non-acid bathroom cleaner.

- Provides effective cleaning strength that will not dull most metal-interlock floor finishes and does not require a rinse prior to recoat.
- Provides long lasting freshness against tough {pet} odors such as odors from litter boxes and pet accidents. •
- Removes dirt.
- Removes stains.
- Use of this product will control unpleasant {{malodors} {odors}}.{{Refreshens} {Freshens} soft surfaces {by eliminating odors}}
- Eliminates your toughest {household} {business} odors
- Eliminates more types of odors
- Fabric {soft surface} odor eliminator {works on soft surfaces}

### MILDEWSTAT CLAIMS

- Use this product on multi-touch, hard, non-porous surfaces responsible for cross-contamination. This product is effective at controlling mold and mildew odor on plastic shower curtains.

### PACKAGING CLAIMS

Concentrate{d}.

Convenient trigger spray. (**Note to Reviewer:** To be used on applicable container)

{Dilution System trade name}

Easy to use.

Economy size. (**Note to Reviewer:** To be used on applicable container)

Fewer products - no need for separate deodorizer.

Is for use in {{automated dilution systems} {automated} {dilution systems} {Dilution System trade name}}.

Makes (insert value) {{gallons} {quarts} {containers}}

Squeeze {measure} and pour.

This {{container} {bottle}} is made of {at least} (X)% post-consumer recycled plastic.

### {AREAS OF USE} {LOCATIONS}

**(Note to Reviewer:** The locations/surfaces have been grouped for space purposes only; they can be used individually or grouped together in any order however at least one location/surface must appear on the label. In the case where one or more location/surface is chosen, an “and”, “&”, or “or” and appropriate punctuation may be used to link locations/surfaces.)

This product is for use on hard, non-porous surfaces in (insert location)

This product {{when used as directed} {can be used} {is formulated to {{disinfect} {clean} {sanitize} {deodorize}}}} {is formulated for use}} {on} {{washable} hard, non-porous surfaces such as}: (insert location/surface)

For use {in} {on} (insert location/surface).

With organic soil {load} {for} (insert location/surface).

#### **{Food Processing and Service Related}**

{{Meat} {Poultry} {Fish}} processing plants

Bars

Bottle washing premises

Breweries

Cafeterias

Cheese factories

Coffee shops

Dairies

Dairy farms

Egg processing plants

Fast food operations

Federally inspected meat and poultry plants

Food handling and processing areas

Food Preparation Areas

Food processing plants

Food storage areas

Institutional kitchens

Kitchens

Meat packing plants

Mushroom farms

Poultry and animal dressing plants

Restaurants

Taverns

USDA inspected food-processing facilities

Wineries

Processing facilities for fish, milk, citrus, wine, fruit, vegetable, ice cream, potato, and beverage plants

**{Health Care Related}**

Acute care institutions  
Ambulances  
Blood collection rooms  
Cadaver processing areas  
Emergency rooms  
Emergency vehicles  
Exam rooms  
Healthcare facilities  
Hospice care facilities  
Hospices  
Hospitals  
ICU areas, autopsy rooms  
Isolation wards

Medical and dental offices and clinics  
Medical Related facilities  
Medical research facilities  
Nursing homes  
Operating rooms/theaters  
Orthopedic facilities  
Out-patient surgical centers  
Physician offices  
Rescue vehicles  
Retirement homes  
Sick rooms  
X-ray and CAT labs

**{Municipality Related}**

Banks  
Churches  
Correctional facilities  
Correctional institutions  
Courthouses  
Crime scenes  
EMS & fire facilities  
Fire trucks  
Garbage trucks  
Jails

Libraries  
Municipal government buildings  
Penitentiaries  
Police cars  
Police stations  
Post offices  
Prisons  
Public facilities  
Public transportation

**{Recreation Related}**

Athletic facilities  
Campers  
Campgrounds  
Exercise facilities  
Gymnasiums

Gyms  
Locker rooms  
Playgrounds  
Recreational facilities  
RVs

**{Farm and Animal Related}**

{Cattle} {Swine} {Sheep} {Horse} Barns  
{Dog} {Cat} {Animal} Kennels  
{Poultry} {and} {turkey} Farms  
Animal care facilities  
Animal holding areas  
Animal housing facilities  
Animal laboratories  
Barns  
Blocks  
Breeding establishments  
Brooder houses  
Chutes  
Creep Area  
Dairy  
Dairy farms  
Dressing Plants  
Egg Holding Area Chick  
Egg Receiving Area  
Egg trucks  
Equine farms  
Farms

Farrowing Barns and Areas  
Hatcheries:  
Hatchery and farm vehicles  
Hatchery Room  
Hauling Equipment  
Hog farms  
Holding Area Chick Loading Area  
Loading Equipment  
Nursery  
Pens and stalls  
Pet animal quarters  
Pet shops  
Poultry Buildings  
Setter Room  
Swine premises:  
Swine quarters  
Tray Dumping Area Chick Processing Area  
Veal, calving, hog, cattle and horse operations  
Veterinary clinics  
Waterers and Feeders  
Zoos

**{Retail and Services Related}**

Barber/beauty shops  
Surfaces of clothes washing machines  
Coin-operated laundries^  
Commercial florist and flower shops  
Commercial laundries^  
Convenience stores  
Department stores  
Dressing rooms  
Hair/nail/pedicure salons  
Health clubs

Laundry^  
Laundry facilities^  
Massage/facial salons  
Retail and wholesale establishments  
Salons  
Shopping malls  
Spas  
Supermarkets  
Tanning salons  
Surfaces of washing machines

^This product is not a laundry additive

**{Home or Household Related}**

Apartments  
Bathrooms  
Homes  
Households  
Kitchens

Mobile homes  
Restrooms  
Shower and bath areas  
Shower rooms

**{Education and Lodging Related}**

{Children's} Nurseries  
Classrooms  
Colleges  
Day care centers  
Dormitories  
Hotels

Kindergartens, and preschools  
Motels  
Schools  
Sports [{arenas} {stadiums}]  
Sports complexes  
Universities

**{Public Building Related}**

Business and office buildings  
Funeral homes  
Janitorial rooms  
Mausoleums  
Morgues  
Mortuaries

Movie houses  
Office buildings  
Public places  
Public restrooms  
Workstations

**{Transportation}**

Airline terminals  
Airplanes  
Airports  
Auto repair centers  
Automobiles  
Boats  
Boxcars  
Bus stations  
Buses  
Cars  
Cruise lines

Cruise ships  
Ships  
Taxis  
Trailers  
Train stations  
Trains  
Transportation terminals  
Travel rest areas  
Trucks  
Waysides

**{Industry and Other}**

Computer manufacturing sites  
Cosmetic manufacturing facilities  
Factories  
Hide and leather processing plants  
Institutional facilities

Institutions  
Recycling centers  
Warehouses  
Whirlpools

## **{TYPES OF SURFACES:}**

Use this product on washable hard, non-porous surfaces of:

*(Note to reviewer: Each entry below also represents a graphic depicting the corresponding type of surface. No people, animal, or food will be depicted in graphics. Only exteriors of microwaves and refrigerators will be depicted. Toy graphics will be submitted to Agency for review.)*

### **{SURFACES}**

Aluminum  
Brass  
Chrome  
Copper  
Enameled surfaces  
Formica®  
Glass  
Glass surfaces  
Glazed {restroom} ceramic  
Glazed {restroom} tile  
Glazed porcelain  
Laminated surfaces  
Metal  
Painted {finished} woodwork

Plastic {such as polycarbonate, polyvinylchloride, polystyrene or polypropylene}  
Plated steel  
Plexiglas®  
Sealed fiberglass  
Sealed granite  
Sealed limestone  
Sealed marble  
Sealed slate  
Sealed stone  
Sealed terra cotta  
Sealed terrazzo  
Stainless steel  
Vinyl and plastic upholstery  
Washable wallpaper

### **{Hospital and Health Care Settings}**

{Medical} {Hospital} Lamps  
{Medical} {Hospital} Scales  
{Medical} Examining tables  
Ambulance equipment/surfaces  
Bed railings  
Bedpans,  
CAT  
Crutches  
Defibrillators  
Dental chairs/countertops  
Examination tables, x-ray tables  
Gurneys

Hospital beds  
Medical equipment surfaces  
MRI  
Non-critical {hospital} {medical} {Device} equipment surfaces:  
Operating tables  
Physical therapy tables  
Resuscitators  
Stethoscopes  
Stretchers  
Walkers  
Wheelchairs

### **{Poultry and Animal Premise}**

Animal equipment  
Animal loading platforms  
Automated tray, rack and buggy washers  
Cages  
Chick boxes  
Chutes  
Conveyors, and trolleys  
Egg cases  
Egg flats  
Egg receiving and holding areas  
Harvesting and handling equipment  
Hatchers  
Hide press, grading and storage areas  
Hide/leather processing surfaces such as hide storage bins

Kennel examination tables  
Kennel runs  
Kennel/cage floors  
Meat packing plant surfaces such as livestock vehicles and holding pens  
Poultry/turkey equipment  
Processed product and offal equipment surfaces  
Racks  
Receiving areas and delivery chutes  
Scales  
Setters  
Sexing tables  
Stands and flooring surfaces  
Veterinary x-ray table

### **{Misc. Hard Non-Porous Surfaces}**

{Bathroom} {Kitchen} Sinks  
{Fiberglass} Shower stalls  
{Fiberglass} Sinks {bathroom} {kitchen}  
Athletic helmets

Athletic mats  
Athletic training tables  
Automobile interiors, mats, crates, cabs, and wheels  
Baby cribs

Basins

Bathroom bowls

Bathroom fixtures

Bathtubs {fiberglass}

Bathtubs and glazed tiles

Bed frames

Beds {Medical} {Hospital}

Cabinets

Chairs

Coils and drain pans of air conditioners

Conductive flooring

Counters

Countertops

Desks

Diaper changing stations

Doorknobs

Empty diaper pails

Exercise equipment

Exterior surfaces of ice machines

Exterior surfaces of microwave ovens

Exterior surfaces of refrigerators

Finished floors

Floors

Foot Spas

Garbage cans/pails

Garbage handling equipment

Hampers

Handles

Hard, non-porous surfaces of picnic tables and outdoor furniture

Highchairs

Industrial waste receptacles

Infant [{bassinets} {cribs} {warmers} {incubators} {care equipment}]

Laundry pails

Locker room{s} {areas}

Mirrors

Non-wooden picnic tables and outdoor furniture except cushions and wood frames

Playground equipment

Plumbing fixtures

Portable and chemical toilets and latrine buckets

Restroom fixtures

Shelves

Shopping carts

Shower doors and curtains

Shower stalls

Tables

Tanning beds

Tanning equipment

Telephones

Tobacco plant equipment

Toilet bowl surfaces

Toilet bowls

Toilet seats

Toilets

Trash barrels

Trash cans

Trash containers

Tubs

Ultrasonic baths

Urinals

Vanity tops

Walls

Whirlpool {bathtubs} {tubs} {units}

Wrestling and gymnastic mats

Wrestling/boxing headgear

External lenses

Vision correction devices including eyeglasses, protective eyewear, goggles, light lens covers, optical instruments/implements (Not for use on contact lenses.)

{MIRCO-ORGANISMS} {Organism List}

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

| DISINFECTION/VIRUCIDE*                                                                                                            |                 |              |
|-----------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------|
| This product kills the following bacteria and viruses at 4 fl. oz. per gal. of 200 ppm hard water {(781 ppm active)} and 5% soil. |                 |              |
| {Bactericidal Activity} {Bacteria}                                                                                                | {Strain/Source} | Contact Time |
| <i>Acinetobacter baumannii</i>                                                                                                    | {ATCC 19606}    | 10 minutes   |
| <i>Bordetella bronchiseptica</i>                                                                                                  | {ATCC 10580}    | 10 minutes   |
| Vancomycin Resistant <i>Enterococcus faecium</i> {(VRE)}                                                                          | {ATCC 700221}   | 10 minutes   |
| <i>Escherichia coli</i> O157:H7                                                                                                   | {ATCC 35150}    | 10 minutes   |
| <i>Klebsiella pneumoniae</i> {(NDM-1 positive)} {(New Delhi metallo-beta-lactamase)}                                              | {ATCC BAA-2146} | 10 minutes   |
| <i>Listeria monocytogenes</i>                                                                                                     | {ATCC 984}      | 10 minutes   |

|                                                                                                                                                                                                                                             |                                                              |                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------------|
| <i>Pseudomonas aeruginosa</i>                                                                                                                                                                                                               | {ATCC 15442}                                                 | 10 minutes           |
| <i>Salmonella enterica</i>                                                                                                                                                                                                                  | {ATCC 10708}                                                 | 10 minutes           |
| <i>Staphylococcus aureus</i>                                                                                                                                                                                                                | {ATCC 6538}                                                  | 10 minutes           |
| Vancomycin Intermediate <i>Staphylococcus aureus</i> {(VISA)}                                                                                                                                                                               | {HIP 5836}<br>{NR-45859}                                     | 10 minutes           |
| <i>Staphylococcus aureus</i> {(Community Associated Methicillin Resistant)} {(CA-MRSA)} {(Genotype USA400)}                                                                                                                                 | {ATCC NRS 123}                                               | 10 minutes           |
| <b>{Virucidal* Activity} {Viruses*}</b>                                                                                                                                                                                                     | <b>{Strain/Source}</b>                                       | <b>Contact Time</b>  |
| Avian Influenza A {(H5N1)} Virus                                                                                                                                                                                                            | {Strain NIBRG-14}<br>{CDC# 2006719965}                       | 10 minutes           |
| Bovine Viral Diarrhea Virus {(BVDV)}                                                                                                                                                                                                        | {Strain NADL}                                                | 10 minutes           |
| Hantavirus                                                                                                                                                                                                                                  | {University of New Mexico/<br>University of Western Ontario} | 10 minutes           |
| Hepatitis B virus {(HBV)} {(DHBV)}                                                                                                                                                                                                          | {Strain Grimaud}                                             | 10 minutes           |
| Hepatitis C virus {(HCV)}                                                                                                                                                                                                                   | {Strain NADL}                                                | 10 minutes           |
| Herpes Simplex Type 1 Virus                                                                                                                                                                                                                 | {Strain HF}<br>{ATCC VR-260}                                 | 10 minutes           |
| Human Immunodeficiency Virus Type 1 {(HIV-1)} {(AIDS Virus)}                                                                                                                                                                                | {Strain IIIB}                                                | [[1] {10}] minute{s} |
| Human Coronavirus                                                                                                                                                                                                                           | {ATCC VR-740}                                                | [[1] {10}] minute{s} |
| Influenza A {(H1N1)} Virus                                                                                                                                                                                                                  | {Strain A/California/04/09}                                  | 10 minutes           |
| Monkeypox Virus                                                                                                                                                                                                                             | {Strain hMPXV/USA/<br>MA001/2022}                            | 10 minutes           |
| Newcastle Disease Virus                                                                                                                                                                                                                     | {Strain LaSota}                                              | 10 minutes           |
| Porcine Respiratory & Reproductive Syndrome Virus {(PRRSV)}                                                                                                                                                                                 | {Iowa Veterinary Supply Co.}                                 | 10 minutes           |
| Respiratory Syncytial Virus                                                                                                                                                                                                                 | {ATCC VR-26}                                                 | 10 minutes           |
| Severe Acute Respiratory Syndrome-related Coronavirus 2 {(SARS-CoV-2)} {(COVID-19 Virus)}                                                                                                                                                   | {Strain USA-WA1/2020}                                        | [[1] {10}] minute{s} |
| Transmissible Gastroenteritis Virus {(TGEV)}                                                                                                                                                                                                | {ATCC CRL-1740}                                              | 10 minutes           |
| Vaccinia Virus                                                                                                                                                                                                                              | {ATCC VR-1508}                                               | 10 minutes           |
| <b>Virucide*: This product kills the following viruses at 16 fl. oz. per gal. of 200 ppm hard water {(3125 ppm active)} and 5% soil</b>                                                                                                     |                                                              |                      |
| Canine Parainfluenza Virus                                                                                                                                                                                                                  | {ATCC VR-1573}                                               | 10 minutes           |
| Feline Calicivirus                                                                                                                                                                                                                          | {ATCC VR-782}                                                | 10 minutes           |
| Norovirus {(Norwalk-like Virus)}                                                                                                                                                                                                            | {ATCC VR-782}                                                | 10 minutes           |
| <b>NON-FOOD CONTACT SURFACE SANITIZATION</b>                                                                                                                                                                                                |                                                              |                      |
| <b>This product is an effective one-step non-food contact sanitizer in 60 seconds at 4 fl. oz. per gal of 200 ppm hard water {(781 ppm active)} and 5% soil on hard, non-porous surfaces:</b>                                               |                                                              |                      |
| <i>Klebsiella pneumoniae</i>                                                                                                                                                                                                                | {ATCC 4352}                                                  | 60 seconds           |
| <i>Staphylococcus aureus</i>                                                                                                                                                                                                                | {ATCC 6538}                                                  | 60 seconds           |
| <b>SOFT SURFACE SANITIZATION</b>                                                                                                                                                                                                            |                                                              |                      |
| <b>This product is an effective one-step soft surface sanitizer in 5 minutes at 4 fl. oz. per gal of 200 ppm hard water {(781 ppm active)} and 5% soil on surfaces composed of 100% cotton or 100% polyester or 50:50 cotton/polyester:</b> |                                                              |                      |
| <i>Klebsiella pneumoniae</i>                                                                                                                                                                                                                | {ATCC 4352}                                                  | 5 minutes            |
| <i>Staphylococcus aureus</i>                                                                                                                                                                                                                | {ATCC 6538}                                                  | 5 minutes            |

| MILDEW-FUNGISTATIC TEST                                                                                                   |                       |            |
|---------------------------------------------------------------------------------------------------------------------------|-----------------------|------------|
| This product controls the following organism at 4 fl. oz. per gal. of 200 ppm hard water {(781 ppm active)} and 5% soil   |                       |            |
| Aspergillus niger                                                                                                         | {ATCC 6275}           | 10 minutes |
| FUNGICIDE                                                                                                                 |                       |            |
| This product controls the following organism at 0.5 fl. oz. per gal. of 200 ppm hard water {(781 ppm active)} and 5% soil |                       |            |
| Trichophyton interdigitale                                                                                                | {ATCC 9533}           | 10 minutes |
| This product controls the following organism at 16 fl. oz. per gal. of 200 ppm hard water {(3125 ppm active)} and 5% soil |                       |            |
| Candida auris                                                                                                             | {Strain AR-BANK#0385} | 10 minutes |

**(Note to Reviewer:** This qualifying statement must be used if the word “germs” is used on the label.)

\*\* Kills [{*Escherichia coli*}, {*Pseudomonas aeruginosa*}, {*Salmonella enterica*},] *Staphylococcus aureus*, {Avian} Influenza A Virus, {and Norovirus}.

**(Note to Reviewer:** The list of organisms can be formatted into paragraph form using a comma to separate organisms.)

**{{[DISINFECTION PERFORMANCE] BACTERICIDAL ACTIVITY}}:** This product kills the following bacteria in 10 minutes at 4 fl. oz. per gal. of water {(up to 200 ppm hardness)} {(781 ppm active)} and 5% soil on hard, non-porous surfaces: *Acinetobacter baumannii* {(ATCC 19606)}, *Bordetella bronchiseptica* {(ATCC 10580)}, Vancomycin Resistant *Enterococcus faecium* {(VRE)} {(ATCC 700221)}, *Escherichia coli* O157:H7 {(ATCC 35150)}, *Klebsiella pneumoniae* {(NDM-1)} {(New Delhi metallo-betalactamase)} {(ATCC BAA-2146)}, *Listeria monocytogenes* {(ATCC 984)}, *Pseudomonas aeruginosa* {(ATCC 15442)}, *Salmonella enterica* {(ATCC 10708)}, *Staphylococcus aureus* {(ATCC 6538)}, Vancomycin intermediate *Staphylococcus aureus* {(VISA)} {(HIP 5836)}, *Staphylococcus aureus* {(Community Associated Methicillin Resistant)} {(CA-MRSA)} {(Genotype USA400)} {(ATCC NRS 123)}.

**{{[VIRUCIDAL \* [PERFORMANCE] ACTIVITY}}:** This product kills the following viruses in [{60 seconds} {1 minute}] at 4 fl. oz. per gal. of water {(up to 200 ppm hardness)} {(781 ppm active)} and 5% soil on hard, non-porous surfaces: Human Immunodeficiency Virus Type 1 {(HIV-1)} {(AIDS Virus)} {(Strain HTLV-IIIB)}, Human Coronavirus, SARS-Related Coronavirus 2 {(SARS-CoV-2)} {(ATCC CRL-1586)}.

**{{[VIRUCIDAL \* [PERFORMANCE] ACTIVITY}}:** This product kills the following viruses in 10 minutes at 4 fl. oz. per gal. of water {(up to 200 ppm hardness)} {(781 ppm active)} and 5% soil on hard, non-porous surfaces: Avian Influenza A {(H5N1)} Virus {(CDC# 2006719965)}, Bovine Viral Diarrhea Virus {(BVDV)} {(Strain NADL)}, Hantavirus, Hepatitis B virus {(HBV)} {(DHBV)}, Hepatitis C virus {(HCV)}, Herpes Simplex Type 1 Virus {(ATCC VR-260)}, Monkeypox Virus, Newcastle Disease Virus, Porcine Respiratory & Reproductive Syndrome Virus {(PRRSV)}, Respiratory Syncytial Virus {(RSV)} {ATCC VR-26)}, Transmissible Gastroenteritis virus {(TGEV)} {(ATCC CRL-1740)}, Vaccinia Virus {(ATCC VR-1508)}.

**{{[VIRUCIDAL \* [PERFORMANCE] ACTIVITY}}:** {This product kills the following viruses in 10 minutes at 16 fl. oz. per gal. of water {(3,125 ppm active)} and 5% soil on hard, non-porous surfaces: Canine Parainfluenza Virus {(ATCC VR-1573)}, Feline Calicivirus {(ATCC VR-782)}, Norovirus {(Norwalk-like Virus)} {(ATCC VR-782)}.

**(Note to Reviewer:** The following give the option of combining all Viruses at 4 fl. oz. per gal. in 10 minutes)

**{[VIRUCIDAL \* [PERFORMANCE] ACTIVITY]}:** This product kills the following viruses in 10 minutes at 4 fl. oz. per gal. of water {(up to 200 ppm hardness)} {(781 ppm active)} and 5% soil on hard, non-porous surfaces: Avian Influenza A {(H5N1)} Virus {(CDC# 2006719965)}, Bovine Viral Diarrhea Virus {(BVDV)} {(Strain NADL)}, Hantavirus, Hepatitis B virus {(HBV)} {(DHBV)}, Hepatitis C virus {(HCV)}, Herpes Simplex Type 1 Virus {(ATCC VR-260)}, Human Immunodeficiency Virus Type 1 {(HIV-1)} {(AIDS Virus)} {(Strain HTLV-IIIB)}, Human Coronavirus, Monkeypox Virus, Newcastle Disease Virus, Porcine Respiratory & Reproductive Syndrome Virus {(PRRSV)}, Respiratory Syncytial Virus {(RSV)} {ATCC VR-26)}, SARS-Related Coronavirus 2 {(SARS-CoV-2)} {(ATCC CRL-1586)}, Transmissible Gastroenteritis virus {(TGEV)} {(ATCC CRL-1740)}, Vaccinia Virus {(ATCC VR-1508)}.

**(Note to Reviewer (General Considerations):** Numbered instructions will be used if label space permits, otherwise they may appear in paragraph format. The list of organisms can be formatted into paragraph form using a comma to separate organisms. Unit abbreviations can be spelled out. Note symbols such as asterisks (\*) may be replaced with equivalent symbols based on printing needs. When choosing optional text, appropriate punctuation can be inserted or deleted. Equivalent use dilution ratios may be substituted within the directions.)

**(Note to Reviewer:** The following statement is to be used if any of the following surfaces are listed on the label: chill tanks, coils and drain pans of air conditioning, coolers, ice chests, ice machines, heat pumps, refrigerated storage and display equipment, refrigeration equipment, refrigerators, refrigerator bins, stoves/stovetops, water coolers.)

Allow surfaces to come to room temperature before treatment {with this product}.

**DIRECTIONS FOR USE**

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

{Please read entire label and use strictly in accordance with precautionary statements and directions.}

{This product is not for use on medical device surfaces}

**(Note to Reviewer:** For labels that list medical devices and/or stainless-steel surfaces, the following statement must be used.)

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

**(Note to Reviewer:** The following statement is to be used if any food premise locations are listed on the final label.)

{Before using this product {in federally inspected meat and poultry food processing plants and dairies}, food products and packaging materials must be removed from the room or carefully protected.}

**(Note to Reviewer:** Appropriate dilution rates may be substituted as long as they are equivalent dilution rates).

**{DILUTION TABLE:}** **(Note to Reviewer:** This DILUTION TABLE is optional.)

| Use                                                           | Dilution              | Contact Time |
|---------------------------------------------------------------|-----------------------|--------------|
| For {Hospital} {or} {Medical Environment} Disinfectant claims | 4 fl. oz./gal. water  | 10 minutes   |
| For {General} {or} {Broad Spectrum} Disinfectant claims       | 4 fl. oz./gal. water  | 10 minutes   |
| For {Public Health} Virucidal* claims                         | 4 fl. oz./gal. water  | 10 minutes   |
| Human Coronavirus, HIV-1, SARS-CoV-2                          | 4 fl. oz./gal. water  | 1 minute     |
| Canine Parainfluenza Virus, Feline Calicivirus, Norovirus     | 16 fl. oz./gal. water | 10 minutes   |
| For Soft Surface Sanitizing claims                            | 4 fl. oz./gal. water  | 5 minutes    |
| For Fungicide claims ( <i>Trichophyton interdigitale</i> )    | 4 fl. oz./gal. water  | 10 minutes   |
| For Fungicide claims ( <i>Candida auris</i> )                 | 16 fl. oz./gal. water | 10 minutes   |
| For odor-causing Mold and Mildew claims                       | 4 fl. oz./gal. water  | Up to 7 days |

**FOR USE AS A {ONE-STEP} {GENERAL} {HOSPITAL} {MEDICAL} DISINFECTANT {VIRUCIDE\*} {FUNGICIDE} {DEODORIZER} {CLEANER}:**

1. Pre-clean visibly soiled areas.
2. To disinfect hard, non-porous, non-food contact surfaces, apply a use solution of 4 fl. oz. of this product per gal. of water {(or equivalent use dilution)} {(781 ppm active)} with a sponge, brush, cloth, mop, {by immersion}, {auto scrubber}, {{mechanical spray device,} {[hand pump] {coarse}} trigger spray device}. For spray applications, spray 6 - 8 inches from surface. Do not breathe spray}.
3. Treated surfaces must remain visibly wet for 10 minutes.
4. [{Wipe dry} {with a clean cloth} {or} {allow to air dry}]. {Rinsing of floors is not necessary unless they are to be waxed or polished.}
5. Prepare a fresh solution daily or when visibly dirty.

**FOR USE AS A {A} {ONE-STEP} {FOOD CONTACT SURFACE} {GENERAL} {HOSPITAL} {MEDICAL} DISINFECTANT {VIRUCIDE\*} {FUNGICIDE} {DEODORIZER} {CLEANER} {WHEN USED AS FOLLOWS}:**

1. [{For visibly soiled areas, a preliminary cleaning is required.} {For visibly soiled areas, preclean first.}]
2. Apply use solution of 4 fl. oz. of this product per gal. of water {(or equivalent use dilution)} to disinfect hard, non-porous surfaces with a sponge, brush, cloth, mop, {by immersion,} {auto scrubber}, {{mechanical spray device,} {or} {[hand pump] {coarse}} trigger spray device}. For spray applications, spray 6 – 8 inches from surface. Do not breathe spray}.
3. Treated surfaces must remain visibly wet for 10 minutes. Rinse with potable water after use on surfaces that come in contact with food.
4. [{Wipe dry} {with a clean cloth} {or} {allow to air dry}]. {Rinsing of floors is not necessary unless they are to be waxed or polished.}
5. Prepare a fresh solution daily or when visibly dirty.

**DISINFECTION** - To disinfect inanimate, hard surfaces add 4 fl. oz. of this product per gal. 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 [{60 seconds} {1 minute}]) for SARS-CoV-2), then remove excess liquid.

For visibly soiled areas, a pre-cleaning step is required.

**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 (4 fl oz) packet into 1 gal. of water {(or equivalent use dilution)}. Keep packets in box until ready to use.

**{To Kill [{Canine Parainfluenza Virus}, {Feline Calicivirus}, {Norovirus}]}**: Pre-clean visibly soiled surfaces. Prepare use solution by adding 16 fl. oz. of this product per gal. of water {(or equivalent use dilution)} {(3,125 ppm active)}. Apply use solution to hard, non-porous, non-food contact surfaces. Allow surface to remain visibly wet for 10 minutes. Wipe surfaces {(and let air dry)}.

**Bloodborne Pathogen Instructions:** (Note to reviewer: Heading is optional. If instructions used, all indented text must be included.)

**\*Kills HIV-1, HBV And HCV On Pre-Cleaned Hard, Non-Porous Surfaces/Objects Previously Soiled With Blood/Body Fluids** in health care settings or other settings in which there is an expected likelihood of soiling of hard, non-porous surfaces/objects with blood or body fluids and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 {(HIV-1)} {(associated with AIDS)}, Hepatitis B Virus {(HBV)} and Hepatitis C Virus {(HCV)}.

**Special Instructions For Cleaning And Decontamination Against HIV-1, HBV And HCV On Surfaces/Objects Soiled With Blood/Body Fluids.**

**Personal Protection:** [{Wear protective latex gloves, gowns, masks, and eye protection} Specific barrier protection items to be worn when handling items soiled with blood or body fluids are disposable latex gloves, gowns, masks, and eye protection].

**Cleaning Procedure:** Blood and other body fluids {containing HIV-1, HBV & HCV} must be thoroughly cleaned from hard, non-porous surfaces and objects before application of this product.

**Disposal of Infectious Materials:** Blood and other body fluids, cleaning materials and clothing must be autoclaved and disposed of according to federal, state, and local regulations for infectious waste disposal.

**Contact Time:** Allow hard, non-porous surface to remain visibly wet for 1 minute to kill HIV-1 and for 10 minutes to kill all other viruses\* and bacteria listed on the label.

**SURGICAL INSTRUMENT PRESOAK:** {[Add] {Mix}} 4 fl. oz. of this product per gal. of water {(or equivalent use dilution)} {(781 ppm active)}. Place pre-cleaned instruments in solution to presoak surgical instruments for a minimum of 10 minutes, then proceed with normal sterilization procedure.

**Note:** Plastic instruments can remain immersed until sterilization procedure. Metal instruments must be removed after 10 minutes, rinsed, dried, and kept in a clean non-contaminated receptacle until sterilization procedure. Prolonged soaking will cause damage to metal instruments. Surgical instruments must be sterilized before use. Prepare a fresh solution daily or when visibly dirty.

**EMERGING VIRAL PATHOGEN CLAIMS**

*(Note to Reviewer: None of the language in this section is to appear on any final printed label.)*

This product qualifies for emerging viral pathogen claims per EPA’s “Guidance to Registrants: Process for Making Claims Against Emerging Viral Pathogens Not on EPA-Registered Disinfectant Labels” when used according to the appropriate directions for use, as indicated below.

This product meets the criteria to make claims against emerging viral pathogens from the following viral categories:

- Enveloped viruses
- Large non-enveloped viruses

| <i>For an emerging viral pathogen that is a(n)...</i> | <i>...follow the use directions for the following organisms on the label:</i> |
|-------------------------------------------------------|-------------------------------------------------------------------------------|
| Enveloped virus                                       | Feline Calicivirus (surrogate for human norovirus); ATCC VR-782               |
| Large non-enveloped virus                             | Feline Calicivirus (surrogate for human norovirus); ATCC VR-782               |

The following statements may be used only in off-label communications as described in EPA’s Emerging Viral Pathogens guidance, and only under the conditions outlined in that guidance:

- *(Product name)* has demonstrated effectiveness against viruses similar to *(insert name of emerging virus)* on hard, non-porous surfaces. Therefore, *(product name)* can be used against *(insert name of emerging virus)* when used in accordance with the directions for use against Norovirus (Feline Calicivirus) on hard, non-porous surfaces. Refer to the {[CDC] {OIE}} website at *(insert pathogen-specific website address)* for additional information.
- *(Insert name of illness/outbreak)* is caused by *(insert name of emerging virus)*. *(Product name)* kills similar viruses and therefore can be used against *(insert name of emerging virus)* when used in accordance with the directions for use against Norovirus (Feline Calicivirus) on hard, non-porous surfaces. Refer to the {[CDC] {OIE}} website at *(insert pathogen-specific website address)* for additional information.

**TO DISINFECT TOILET BOWLS:** Visible soil must be cleaned prior to disinfection. flush toilet, add 4 fl. oz of this product 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. {For heavy duty use to remove difficult stains and soils: Add 16 fl. oz. per gal. to the toilet bowl and mix. Brush or swab thoroughly under the rim with a scrub brush or toilet mop. Let 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)*

**NON-ACID TOILET BOWL DISINFECTION/CLEANER DIRECTIONS:** Remove visible filth prior to disinfection.

- From concentrate:** Add 4 fl. oz per gal. to the toilet bowl and mix. Brush thoroughly over exposed surfaces and under the rim, allow to stand for 10 minutes and flush.
- From use-solution:** Empty toilet bowl or urinal and apply 4 fl. oz. per gal. 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 heavy duty use** to remove difficult stains and soils: Empty toilet bowl or urinal and apply 16 fl. oz. per gal. 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.

**{DEEP} CLEANING/DISINFECTING {[WATERFREE} {WATERLESS}} URINALS:** Pre-clean visibly soiled surfaces. Remove and properly dispose of cartridge according to manufacturer’s directions. Deep clean or disinfect the entire urinal by applying a use solution of 4 fl. oz. of this product per gal. of water {(or equivalent use dilution)} directly onto surface. {[Brush] {Scrub}} surfaces and let solution stand for 10 minutes. Wipe surface to clean. Change cartridge as needed. The unit is ready for use.

**TO CLEAN WATERFREE {/WATERLESS} URINALS:** Remove any debris from the urinal. To prepare use solution, add 4 fl. oz. of this product per gal. of water {(or equivalent use dilution)} {(781 ppm active)}. Spray 1 – 2 fl. oz. of use solution onto urinal surface. DO NOT spray product directly onto cartridge. Wipe surface to clean. Change cartridge as needed. The unit is ready for use.

**TO DISINFECT TUBS, SHOWER STALLS, SINKS, AND FAUCETS:** Pre-clean visibly soiled areas. Apply a use solution of 4 fl. oz. of this product per gal. of water {(or equivalent use dilution)} on all hard, non-porous surfaces with a brush, cloth, mop, sponge, {{{hand pump} {coarse}} trigger spray device.} For spray applications, spray 6 – 8 inches from surface. Do not breathe spray. Allow surface to remain visibly wet for at least 10 minutes. {{Rinse} {Wipe {up excess liquid} {on} {surfaces} {with a paper towel}} {and} {or} {Allow to air dry}}. Change cloth, sponge, or towels frequently to avoid redeposition of soil. Prepare a fresh solution daily or when visibly dirty.

**FOR USE TO CLEAN AND DISINFECT SHOWER ROOMS, LOCKER ROOMS, AND OTHER LARGE, OPEN AREAS WITH FLOOR DRAINS:**

1. Pre-clean visibly soiled areas.
2. Apply a use solution of 4 fl. oz. of this product per gal. of water {(781 ppm active)} {(or equivalent use dilution)} to hard, non-porous surfaces including floors, walls, and ceilings, making sure not to over spray. To disinfect, surfaces must remain visibly wet for 10 minutes.
3. Scrub using a deck brush or other coarse material as necessary.
4. Rinse surfaces thoroughly and let air dry.
5. Prepare a fresh solution daily or when visibly dirty.

**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 4 fl. oz of this product per gal. 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.

**FOR DISINFECTING RENDERING PLANTS:** To disinfect hard, non-porous equipment, utensils, walls, and floors in poultry and animal rendering plants {including offal rooms, exterior walls, and loading platforms}. Remove all visible soils prior to application. Saturate surfaces with a solution of 4 - 8 fl. oz. of this product per gal. of water {(or equivalent use dilution)} and scrub to loosen all soils. Surfaces must remain visibly wet for 10 minutes, and then be thoroughly rinsed with potable water before operations are resumed.

**FOR USE AS A DISINFECTANT {CLEANER} IN {{FOOD PROCESSING PLANTS/PREMISES} {TOBACCO PREMISES} {FOOD SERVICE ESTABLISHMENTS} {FOOD STORAGE AREAS AND EQUIPMENT}}:**

1. Pre-clean visibly soiled areas.
2. Apply use solution of 4 - 8 fl. oz. of this product per gal. of water {(or equivalent use dilution)} to disinfect hard, non-porous surfaces with a sponge, brush, cloth, mop, {by immersion}, {auto scrubber}, {{mechanical spray device,} {{{hand pump} {coarse}} trigger spray device}. For spray applications, spray 6 - 8 inches from surface. Do not breathe spray.
3. Treated surfaces must remain visibly wet for 10 minutes.
4. {{Wipe dry} {with a clean cloth} {or} {allow to air dry}.] {Rinsing of floors is not necessary unless they are to be waxed or polished.}
5. When disinfecting food contact surfaces used for food preparation, rinse surfaces thoroughly with potable water. This product must not be used to treat the following surfaces: utensils, glassware, dishes, or interior surfaces of processing equipment.

**Note: All food contact surfaces such as appliances and kitchen countertops must be rinsed with potable water after treatment.**

**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 4 fl. oz of this product per gal. 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.

**FOR USE ON NON-FOOD CONTACT SURFACES AS A GENERAL DISINFECTANT IN THE BREWERY INDUSTRY:**

Use 4 fl. oz of this product per gal. of water {(or equivalent use dilution)} {(781 ppm active quat)}. Follow the Disinfectant directions above.

**DISINFECTION OF BARBER/SALON TOOLS DIRECTIONS:** Immerse pre-cleaned barber/salon tools {combs, brushes, razors, manicure/pedicure tools, clippers, scissors, trimmer blades} in a 4 fl. oz of this product per gal. of water use-solution {(or equivalent dilution)} {(781 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.

**(OR)**

**FOR USE AS A DISINFECTANT/VIRUCIDE\* OF GROOMING CLIPPERS, HAIR CLIPPERS, ELECTRIC SHEARS, BARBER/SALON SHEARS AND OTHER IMPLEMENTS {, [{BARBER} {MANICURE} {NAIL} {SALON}] INSTRUMENTS AND TOOLS}:** Remove hair, dandruff, and dust particles prior to disinfecting the blades. [{Turn the clipper off occasionally during use and spray between the teeth of blades} {While clipper/shear is running, hold in the downward position and spray}] with a use solution of 4 fl. oz. of this product per gal. of water {(or equivalent use dilution)} and allow to remain visibly wet for 10 minutes. Do not spray on the clipper case or drip into clipper housing. Immerse pre-cleaned barber/salon tools such as combs, brushes, {plastic rollers,} razors, {{clipper and/or trimmer} blades}, {tweezers,} manicure/pedicure tools, scissors, and other salon instruments and tools in a use solution of 6 fl. oz. of this product per gal. of water {(or equivalent use dilution)} for at least 10 minutes. Rinse thoroughly and dry before use. Prepare a fresh solution daily or when visibly dirty.

**{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.}

**FOR DISINFECTING BAGLESS VACUUM CLEANERS:** Turn off and unplug vacuum cleaner. Remove the hard, non-porous container that houses collected material from the vacuum cleaner. Empty contents into a waste receptacle. Rinse collection container with water and wipe clean to remove any additional collected material. Prepare a use solution of 4 fl. oz. of this product per gal. of water {(or equivalent use dilution)} and apply use solution to collection container with a brush, cloth, mop, sponge, {{mechanical spray device,} {{{hand pump} {coarse}} trigger spray device}. For sprayer applications, spray 6 – 8 inches from surface. Do not breathe spray}. Allow surfaces to remain visibly wet for 10 minutes. Wipe up excess liquid with a clean cloth or sponge or allow to air dry. Reattach container to vacuum cleaner.

**FOR DISINFECTING NON-POROUS VACUUM CLEANER BRUSHES:** Turn off and unplug vacuum cleaner. Remove the non-porous brushes from vacuum cleaner. Prepare a use solution 4 fl. oz. of this product per gal. of water {(or equivalent use dilution)} and submerge brush in use solution so as to wet surfaces thoroughly. Allow surfaces to remain visibly wet for 10 minutes. Wipe up excess liquid with a clean cloth or sponge or allow to air dry. Reattach brushes to vacuum cleaner.

**SPECIAL INSTRUCTIONS FOR CLEANING AND DISINFECTING AREAS WHICH MAY BE INFESTED WITH HANTAVIRUS:** Infection with Hantavirus occurs by inhalation of infectious materials. CDC recommends that persons involved with cleanup wear coveralls, {disposable, if possible}, rubber boots or disposable shoe covers, rubber or plastic gloves, protective goggles, and a half mask air purifying, negative pressure respirator with a high efficiency particulate air {(HEPA)} filter or a powered air-purifying respirator {(PAPR)} with HEPA filter. Disinfect personal protective gear upon removal at the end of the day. If coveralls are not disposable, they must be laundered on site. If no laundry facilities are available, the coveralls must be immersed in liquid disinfectant until they can be washed. All potential infective waste material {including respirator filter} from cleanup operations that cannot be burned or deep buried on site must be double bagged in appropriate plastic bags. The bagged material must then be labeled as infectious {if it is to be transported} and disposed of in accordance with local requirements for infectious wastes. Rodent droppings and visible dust can be reservoirs for Hantavirus. If you are cleaning out a building that has been closed up, such as a cabin, shed or garage:

1. Air out the building for at least 30 minutes by opening windows and doors.
2. Leave the building while it is airing out.
3. Do not vacuum, sweep or dust. This may spread the virus through the air.
4. Thoroughly wet the contaminated areas with a use solution prepared by adding 4 oz. of this product per gal. of water {(781 ppm active)} {(or equivalent use dilution)} and allow to stand undisturbed for 10 minutes.
5. Carefully remove contaminated material and dispose by burial or burning. Contact your local and state health department for additional disposal methods.
6. Treat the surface again following the label directions and allow solution to stand undisturbed for 10 minutes.

## {FUNGICIDE}

**FUNGICIDAL ACTIVITY:** At 4 fl. oz. per gal. {(or equivalent use dilution)}, this product is fungicidal against the pathogenic fungi *Trichophyton interdigitale* {(Athlete's Foot Fungus)} {(a cause of ringworm)} {(a cause of ringworm of the foot)}. At 16 fl. oz. per gal. {(or equivalent use dilution)}, this product is fungicidal against *Candida auris*. Treated surfaces must remain visibly wet for 10 minutes. Use as directed on hard, non-porous surfaces found in bathrooms, shower stalls, locker rooms, exercise facilities or other clean, hard, non-porous, surfaces commonly contacted by bare feet.

## {NON-FOOD CONTACT SURFACE SANITIZING DIRECTIONS}

**NON-FOOD CONTACT SURFACE SANITIZING:** Pre-clean visibly soiled surfaces. Add [{4 fl. oz.} {one 4-fl. oz. packet}] of this product per gal. of water {(or equivalent use dilution)} {(781 ppm active)}. Apply solution to hard, non-porous surfaces with a sponge, brush, cloth, mop, {by immersion}, {auto scrubber}, {{mechanical spray device,} {{{hand pump} {coarse}} trigger spray device}. For spray applications, spray 6 – 8 inches from surface. Do not breathe spray. Treated surfaces must remain visibly wet for [{60 seconds} {1 minute}]. Prepare a fresh solution daily or when visibly dirty.

**NON-FOOD CONTACT SURFACE SANITIZING {Non-Packet Version}:** Pre-clean visibly soiled surfaces. Add 4 fl. oz. of this product per gal. of water {(or equivalent use dilution)} {(781 ppm active)}. Apply solution to hard, non-porous surfaces with a sponge, brush, cloth, mop, {by immersion}, {auto scrubber}, {{mechanical spray device,} {{{hand pump} {coarse}} trigger spray device}. For spray applications, spray 6 – 8 inches from surface. Do not breathe spray. Treated surfaces must remain visibly wet for [{60 seconds} {1 minute}]. Prepare a fresh solution daily or when visibly dirty.

**ULTRASONIC BATH SANITIZER DIRECTIONS:** Pre-clean visibly soiled surfaces. Use this product to sanitize hard, non-porous, non-critical objects compatible with ultrasonic cleaning units. Prepare a use solution of [{4 fl. oz.} {one 4-fl. oz. packet}] of this product per gal. of water {(or equivalent use dilution)} {(781 ppm active)} directly into bath chamber. Place objects into unit and operate for a minimum of [{60 seconds} {1 minute}], {according to manufacturers' use directions}. Remove objects and rinse with {sterile} water. {Allow to air dry.} Prepare a fresh solution daily or when visibly dirty.

**Note:** This product in its use solution is compatible with stainless steel, aluminum, and most other hard, non-porous surfaces. Before product use, it is recommended that you apply product to a smaller test area to determine compatibility before proceeding with its use.

**SANITIZATION OF HARD, NON-POROUS SURFACES ON PERSONAL PROTECTIVE EQUIPMENT {(RESPIRATORS)}:** Add [{4 fl. oz.} {one 4-fl. oz. packet}] of this product per gal. of water {(or equivalent use dilution)} {(781 ppm active)}. Gently mix for uniform solution. Apply solution to surfaces of the respirator with a sponge, brush, cloth, {by immersion}, {{mechanical spray device,} {{{hand pump} {coarse}} trigger spray device}. For spray applications, spray 6 - 8 inches from surface. Do not breathe spray. Thoroughly wet surfaces to be sanitized. Treated surfaces must remain visibly wet for [{60 seconds} {1 minute}]. Remove excess solution from equipment prior to storage. Prepare a fresh solution daily or when visibly dirty.

**SALON/BARBER INSTRUMENTS AND TOOLS SANITIZER DIRECTIONS:** Pre-clean soiled instruments and tools. Completely immerse water safe non-porous instruments and tools in a use-solution of 4 fl. oz of this product per gal. of water {(or equivalent use dilution)} {(781 ppm active quaternary)} for at least [{60 seconds} {1 minute}]. Rinse thoroughly and dry instrument before reuse. A fresh use-solution must be prepared daily or more often if the use-solution becomes cloudy.

**{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.}

**{{SHOE} {BOOT} {ENTRYWAY} {BATH} SANITIZER DIRECTIONS:** For effectiveness on hard non, porous surfaces and to reduce cross-contamination on treated surfaces [{from} {area to area} {in} {animal areas} {entryways} {and} {the packaging and storage areas of food plants}], shoe baths containing 1 inch of freshly made sanitizing solution must be placed at all entrances to buildings, hatcheries, and at all the entrances to the production and packaging rooms. {{Scrape} {or} {brush}} waterproof shoes and place in use solution of 4 – 16 fl. oz. of this product per gal. of water {(or equivalent use dilution)} {(781 – 3,125 ppm active)} {{or} allow to remain visibly wet} for [{60 seconds} {1 minute}] prior to entering area. Prepare a fresh solution daily or when visibly dirty.

**FOR FOOT DIP OF WATERPROOF FOOTWEAR:** For effectiveness on hard non, porous surfaces, use this product at 4 – 16 fl. oz. per gal. of water {(or equivalent use dilution)} {(781 – 3,125 ppm active)} in foot dip tray. Shoe baths must contain at least 1 inch of freshly made solution and be placed at the entrances to buildings. {{Scrape} {or} {brush}} shoes and {{place in diluted solution} {or} {allow to remain visibly wet}} for [{60 seconds} {1 minute}] before entering building {or while in entryways}. Prepare a fresh solution daily or when visibly dirty.

**SHOE FOAM DIRECTIONS** (Not for use in CA.): For effectiveness on hard non, porous surfaces and to reduce cross-contamination on treated surfaces [from] {area to area} [in] {animal areas} {entryways} {and} {the packaging and storage areas of food plants}], apply a foam layer approximately 0.5 – 2 inches thick made from a solution of 4 - 16 fl. oz. of this product per gal. of water {(or equivalent use dilution)} {(781 – 3,125 ppm active)} at all entrances to buildings, hatcheries, and production and packaging rooms by using a foam generating machine or aerator to apply foam layer. Follow the foaming directions as specified by the manufacturer of the foam generator/aerator. [{Scrape} {or} {brush}] waterproof shoes. [{Stand and/or walk through foamed area} {or} {Allow to remain visibly wet}] for [{60 seconds} {1 minute}] prior to entering area. Foam area must be washed and replaced daily or when it appears visibly soiled or dirty.

**SHOE SPRAY SANITIZING DIRECTIONS:** For visibly soiled exterior surfaces of [{work boots} {shoes} {footwear}], [{scrape} {wipe}] with brush, sponge, or cloth to remove excess dirt.

1. For effectiveness on hard non, porous surfaces, prepare a spray bottle by adding 4 – 16 fl. oz. of this product per gal. of water {(or equivalent use dilution)} {(781 – 3,125 ppm active)}.
2. Spray sole of {waterproof} [{work boot} {shoe} {footwear}] 6 – 8 inches away from surface to thoroughly wet entire surface.
3. Repeat procedure on other sole.
4. Treated surfaces must remain visibly wet for [{60 seconds} {1 minute}].
5. [{Allow to air dry} [{Wipe up} {Absorb}] excess product {with clean cloth}].

(Note to Reviewer: For food processing or other facilities that have installed entryway sanitizing systems.)

**ENTRYWAY SANITIZING SYSTEMS** (Not for use in CA.): For effectiveness on hard non, porous surfaces and to reduce cross-contamination on treated surfaces from area to area, set the system to deliver a sanitizing solution of 4 - 16 fl. oz. of this product per gal. of water {(or equivalent use dilution)} {(781 – 3,125 ppm active)}. The [{spray} {foam}] must cover the entire path of the doorway. Set the system so that a continuous wet blanket of sanitizer solution is delivered to the floor. Allow treated surfaces to remain visibly wet for [{60 seconds} {1 minute}]. Do not mix other foam additives with the sanitizing solution.

#### **SANITIZATION OF EXTERIOR HOUSEHOLD SURFACES DIRECTIONS**

**Preparation of Use Solution:** Apply a use solution of 4 fl. oz of the product per gal. of water {(or equivalent dilution)} to sanitize hard, non-porous exterior surfaces such as vinyl, plastic, sealed concrete, painted or sealed woodwork, and sealed stucco. Surfaces to be treated include house siding, decks, patios, walkways, and driveways. One-half gal. of diluted product will treat 200 – 300 sq. ft. of hard, non-porous surfaces.

**Application:** Pre-clean visibly soiled areas. Apply solution with a brush, mop, cloth, sponge, {auto scrubber,} [{mechanical spray device,} {or} [{hand pump} {coarse}] trigger spray device], {or with a low-pressure {(less than 60 psi)} airless sprayer} so as to wet surfaces thoroughly. For sprayer applications, spray 6 – 8 inches from surface. Do not breathe spray}. If using a pressure washer with high-pressure spray to sanitize hard, non-porous surfaces, wear suitable respiratory protective equipment and protective eyewear to control exposure to spray. Treated surfaces must remain visibly wet for [{1 minute} {60 seconds}].

#### **{SOFT SURFACE SANITIZING DIRECTIONS}**

**SOFT SURFACE SANITIZATION SPOT TREATMENT:** To Sanitize [{Soft Surfaces} {Fabrics}] {composed of 100% cotton, 100% polyester or 50/50 cotton/polyester}: Apply use solution of 4 fl. oz. of this product per gal. of water {(or equivalent use dilution)} Spray surface to be treated by holding bottle upright 6" – 8" from surface. Spray until fabric is wet. DO NOT SATURATE. Surface must remain visibly wet for 5 minutes contact time. Allow to air dry. {For difficult odors or heavy fabrics, repeat application.} {Reapply as necessary.} Visible soil must be removed prior to sanitizing. {This product is an effective sanitizer against *Klebsiella aerogenes* {(ATCC 13048)} and *Staphylococcus aureus* {(ATCC 6538)} in 5 minutes}.

For first time use on soft surfaces, spot test in a small, inconspicuous area {and check with manufacture care guide before use}.

**TO CONTROL -AND/OR- ELIMINATE ODOR-CAUSING BACTERIA ON** [{Soft Surfaces} {Fabrics}] {composed of 100% cotton, 100% polyester or 50/50 cotton/polyester}: Apply use solution of 4 fl. oz. of this product per gal. of water {(or equivalent use dilution)} Spray surface to be treated by holding bottle upright 6" – 8" from surface. Spray until fabric is wet. DO NOT SATURATE. Surface must remain visibly wet for 5 minutes contact time. Allow to air dry. {For difficult odors or heavy fabrics, repeat application.} {Reapply as necessary.} Visible soil must be removed prior to application.

## {MOLD/MILDEW}

**TO CONTROL MOLD/MILDEW:** Pre-clean visibly soiled surfaces. Prepare use solution by adding 4 fl. oz. of this product per gal. of water {(or equivalent use dilution)}. Apply use solution to hard, non-porous surfaces and allow to air dry, which will effectively inhibit the growth of mold and mildew and their odors. Repeat treatment every 7 days, or more often if new growth appears.

**TO CONTROL THE GROWTH OF MOLD AND MILDEW ON HARD, NON-POROUS ATHLETIC EQUIPMENT:** For use on wrestling and gymnastic mats, athletic mats, exercise equipment, athletic training tables, physical therapy tables, athletic helmets, wrestling/boxing headgear, athletic shoe soles, and other hard, non-porous surfaces. Thoroughly clean surfaces with soap or detergent and rinse with water. Prepare a use solution of 4 fl. oz. of this product per gal. of water {(or equivalent use dilution)}. Apply use solution by sponge, brush, cloth, mop, {by immersion}, {{mechanical spray device}, {{{hand pump} {coarse}}} trigger spray device}. For spray applications, spray 6 – 8 inches from surface. Do not breathe spray}. Do not use equipment until treatment has set or dried. Repeat treatment every 7 days, or more often if new growth appears.

**TO CONTROL THE GROWTH OF MOLD AND MILDEW ON LARGE, INFLATABLE, NON-POROUS PLASTIC AND RUBBER STRUCTURES:** For use on non-porous plastic and rubber surfaces such as inflatable animals, promotional items, moonwalks, slides, and obstacle course play and exercise equipment. Thoroughly clean surfaces with soap or detergent and rinse with water. Apply a use solution of {{4 fl. oz.} {one 4-fl. oz. packet}} of this product per gal. of water {(or equivalent use dilution)} by sponge, brush, cloth, mop, {{mechanical spray device}, {{{hand pump} {coarse}}} trigger spray device}. For spray applications, spray 6 – 8 inches from surface. Do not breathe spray. Repeat treatment every 7 days, or more often if new growth appears.

## {ANIMAL PREMISES}

*(Note to Reviewer: The following statement will be used on all labels with use directions for animal premises except terrariums, small animal cages, and reptile tanks Unless this statement is covered in the specific use instructions.)*

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

**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 4 fl. oz of this product per gal. of water {(or equivalent use dilution)}. Saturate hard, non-porous surfaces with the 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 types of equipment used in handling and restraining {poultry} {swine} {animals}, as well as forks, shovels, and scrapers used for removing litter and manure.

**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 4 fl. oz. of this product per gal. 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.

**{DISINFECTION/FUNGICIDE/\*VIRUCIDE OF {POULTRY/TURKEY EQUIPMENT}, {EQUINE QUARTERS}, {SWINE QUARTERS}, {ANIMAL QUARTERS} {AND KENNELS} DIRECTIONS:** Remove all animals and feeds from premises, vehicles and enclosures such as coops and crates. Remove all litter, droppings 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. Use 4 fl. oz. of this product per gal. of water {(or equivalent use dilution)} {(781 ppm active quat)}. Saturate hard, non-porous surfaces with the use-solution for a period of 10 minutes. Immerse all types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure.

After application, ventilate buildings, coops and other closed spaces. Do not house poultry or other animals or employ equipment until treatment has been absorbed, set or dried.

All treated equipment that will contact feed or drinking water {racks, troughs, automatic feeders, fountains and waterers} must be thoroughly scrubbed with soap or detergent, then rinsed with potable water before reuse.}

*(Note to Reviewer: Optional numbered format.)*

**{DISINFECTION/FUNGICIDE/\*VIRUCIDE OF {POULTRY/TURKEY EQUIPMENT}, {EQUINE QUARTERS}, {SWINE QUARTERS}, {ANIMAL QUARTERS} {AND KENNELS} DIRECTIONS:** {For cleaning and disinfecting hard, non-porous surfaces: equipment used for feeding or watering animals, utensils, instruments, cages, kennels, stables, catteries pens, stalls and etc.

1. Remove all animals and feeds from premises, animal transportation vehicles, crates, pens, stalls and etc.
2. Remove all litter, droppings and manure from floors, walls and surfaces of facilities occupied or traversed by animals.
3. Empty all {troughs, racks and} feeding and watering appliances.
4. Thoroughly clean all surfaces with soap or detergent and rinse with water.
5. Saturate surfaces with a use solution of 4 fl. oz. of this product per gal. of water {(or equivalent use dilution)} and allow to remain visibly wet for a period of 10 minutes. Wipe or allow to air dry.
6. Immerse all animal handling and restraining equipment as well as forks, shovels, and scrapers used to remove litter and manure.
7. Thoroughly scrub all treated surfaces, then rinse all surfaces that come in contact with food, including equipment used for feeding or watering, with potable water before reuse. {For "Veterinary Practice..." Thoroughly scrub all treated feeding and watering appliances with soap or detergent, and rinse with potable water before reuse.}
8. Ventilate buildings, animal enclosures, {vehicles} 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 4 fl. oz. of this product per gal. 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.

**TO SANITIZE HOOF TRIMMING EQUIPMENT:** Prior to application, pre-clean hoof trimming equipment before and after use on each animal with detergent and warm water or compatible cleaner to remove soil using a pre-scrape, pre-flush, or when necessary, pre-soak followed by a potable water rinse. To sanitize, add [{4 fl. oz.} {one 4 fl. oz. packet}] of this product per gal. of water {(781 ppm active)} {(or equivalent use dilution)} and apply to hard, non-porous trimmer surfaces with a sponge, brush, cloth, {by immersion}, {{{hand pump} {coarse}} trigger spray device. For spray applications, spray 6 - 8 inches from surface. Do not breathe spray}. Treated surfaces must remain visibly wet for [{1 minute} {60 seconds}]. Prepare a fresh solution daily or when visibly dirty.

**TO SANITIZE ANIMAL GROOMING INSTRUMENTS AND TOOLS:** Immerse pre-cleaned grooming instruments and tools {such as combs, brushes, razors, scissors, trimmer and/or clipper blades and manicure and pedicure instruments} in a use solution of 4 fl. oz. of this product per gal. of water {(or equivalent use dilution)} for at least [{1 minute} {60 seconds}]. Rinse thoroughly and dry before use. Prepare a fresh solution daily or when visibly dirty.

**Note:** Plastic instruments can remain immersed until ready to use. Stainless steel shears and other metal instruments must be removed after 10 minutes, rinsed, dried, and kept in a clean non-contaminated receptacle. Prolonged soaking will cause damage to metal instruments.

**HATCHERIES:** Use 4 fl. oz. of this product per gal. 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 wet for 10 minutes or more. Rinse with potable water before reuse. Then allow to air dry.

**VEHICLES:** Clean all vehicles including mats, crates, cabs, and wheels with high pressure water and this product. Use 4 fl. oz. per gal. of water {(or equivalent use dilution)} to treat all vehicles. Leave all treated surfaces exposed to disinfectant solution wet for 10 minutes or more. {Allow to air dry.}

**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, 4 fl. oz. of this product per gal. 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.

**REPTILE TANK CLEANING AND DISINFECTION DIRECTIONS:** Remove all reptiles from the [{enclosure} {tank}] prior to cleaning and disinfecting. Remove all litter or droppings from surfaces. Empty all equipment used for feeding or watering reptiles. Thoroughly clean surfaces with soap or detergent and rinse with water. Apply disinfecting and virucidal\* solution of 4 fl. oz. of this product per gal. of water {(or equivalent use dilution)} {(781 ppm active)} {to hard, non-porous surfaces of the [{enclosure} {tank}]}. Apply by cloth, mop, brush, sponge, {by immersion,} {[mechanical spray device,} {[{hand pump} {coarse}] trigger spray device.} For spray applications, spray 6 - 8 inches from surface. Do not breathe spray}. Allow surfaces to remain visibly wet for 10 minutes. Wipe dry {with a paper towel}. Rinse surfaces that come in contact with food with potable water before reuse. Allow the [{enclosure} {tank}] to ventilate for a minimum of 10 – 15 minutes before replacing the reptiles. Prepare a fresh solution daily or when visibly dirty.

**Note:** Do not apply this product directly onto the reptile. If this product comes into contact with the reptile's skin, then immediately wash the material off of the animal with lukewarm water. If the reptile ingests this product, contact your veterinarian immediately.

**TERRARIUM AND SMALL ANIMAL CAGE AND CAGE FURNITURE DISINFECTION:** {Animals frequently defecate on rocks and other hard, non-porous cage furniture items inside your terrarium. This can result in high bacteria and ammonia levels that can lead to possible infection/disease in your animals. When used regularly, this product reduces these high bacteria/ammonia levels in your cage and on your cage furniture items.} (Do not use on porous rocks, hot rocks, and driftwood.)

1. Remove all animals.
2. Thoroughly clean surfaces and objects {(caves, cage furniture, feeding and watering dishes, and appliances)} including the substrate in the terrarium or cage with soap or detergent and rinse with water.
3. Saturate all hard, non-porous surfaces {such as floors, walls, and cages} with the disinfecting and virucidal\* solution of 4 fl. oz. of this product per gal. of water {(or equivalent use dilution)} {(781 ppm active)} so as to wet thoroughly.
4. Apply by cloth, mop, brush, sponge, {by immersion,} {[mechanical spray device,} {[{hand pump} {coarse}] trigger spray device}. For spray applications, spray 6 – 8 inches from surface. Do not breathe spray}. Rub with brush, cloth, or sponge. For smaller surfaces, use a trigger spray bottle to spray surfaces with solution.
5. Allow surfaces to remain visibly wet for a period of 10 minutes.
6. Saturate gravel as above and let stand for 10 minutes. Place in bucket of clean water and swirl for 15 – 30 seconds. Thoroughly air dry before returning to terrarium.
7. Thoroughly scrub all treated surfaces (except gravel) with soap or detergent and rinse with potable water before reuse.
8. Do not return animals to the habitat until it is dry and ventilated.
9. Clean terrarium at least once weekly or more as needed. Change cloth, sponge, or towels frequently to avoid redeposition of soil.
10. Prepare a fresh solution daily or more often if use solution becomes visibly soiled or dirty.

**Note:** Substrates for desert terrariums (i.e., gravel) must be completely dry before returning to terrarium to avoid high humidity levels. Always replace substrate if a foul odor persists. Do not apply this product directly onto the animal. If this product comes into contact with the animal's skin, then immediately wash the material off of the animal with lukewarm water. If the animal ingests this product, contact your veterinarian immediately.

## {FOGGING}

**ALL SURFACES MUST BE CLEANED AND DISINFECTED IN ACCORDANCE WITH LABEL DIRECTIONS PRIOR TO FOGGING.**

The fog generated is irritating to the eyes, skin, and mucous membranes. Under no circumstances must a room or building be entered by anyone within 2 hours of the actual fogging and a minimum of 4 air exchanges (ACH) per hour in the facility. If the building must be entered, then the individuals entering the building must wear a minimum of NIOSH-approved particulate filtering facepiece respirator with any N, R, or P filter, goggles, gloves, long sleeves, and long pants.

### {FOGGING IN FOOD PREMISES}

**DIRECTIONS FOR NON-PUBLIC HEALTH USES (CLEANING) IN DAIRIES, BEVERAGE PLANTS, AND FOOD PROCESSING PLANTS USING FOGGING DEVICES:** Prior to fogging, food products and packaging material must be removed from the room or carefully protected. After disinfecting, fog desired areas using 2 qt. per 1000 cu. ft. of room area with a solution containing 8 fl. oz. of this product per gal. of water {(1,500 ppm active)} {(or equivalent use dilution)}. Do not breathe spray mist. Wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any N, R, or P filter when mixing the use solution and pouring it into the fogging apparatus. Higher level respirators that are NIOSH approved for particulates can also be used. Vacate the area of all personnel during fogging and for a minimum of 2 hours after fogging and a minimum of 4 air exchanges (ACH) per hour in the facility. When fogging is complete, ventilate buildings and other closed spaces. All food contact surfaces must be sanitized with an EPA registered food contact sanitizer solution prior to use. All food contact surfaces must be thoroughly rinsed with potable water prior to sanitizing.

### {FOGGING IN POULTRY HOUSES}

**FOR NON-PUBLIC HEALTH USES (CLEANING) OF HATCHERY ROOMS USING FOGGING DEVICES:** Remove all animals and feed from premises, vehicles, and enclosures. Remove all litter and manure from floors, walls, and surfaces of the room to be treated. Empty all troughs, racks, and other feeding and watering appliances. Thoroughly clean surfaces with soap or detergent and rinse with water. Close off room so fog is confined to room to be treated. Add 64 fl. oz. of this product per gal. of water. {(or equivalent dilution)} to the fogger. Do not breathe spray mist. Wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any N, R, or P filter when pouring this product into the fogging apparatus. Insert the nozzle of the fogger through a suitable opening into the room. With the fogger set on maximum output, fog for 1 minute for each 4000 cu. ft. of space in the room. Vacate the area of all personnel during fogging and for a minimum of 2 hours after fogging and a minimum of 4 air exchanges (ACH) per hour in the facility. When fogging is completed ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has dried. Thoroughly clean all fogged surfaces with soap or detergent and rinse with water.

### **FOR NON-PUBLIC HEALTH USES (CLEANING) OF INCUBATORS AND HATCHERS USING FOGGING DEVICES:**

Only for use on setters and hatchers after poultry/chicks/eggs have been removed. Not for treatment of hatchers which contain chicks/eggs. Mix 64 fl. oz. of this product per gal. of water {(or equivalent use dilution)}. Do not breathe spray mist. Wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any N, R, or P filter when mixing the use solution and pouring it into the fogging apparatus. Fog 3 - 8 fl. oz. of this solution into setters and hatchers immediately after transfer. Repeat daily in setters and every 12 hours in hatchers. Discontinue hatcher treatments at least 24 hours prior to pulling the hatch. Do not allow people to contact or breathe this fog. It is acceptable to fog setters and hatchers with a solution containing 4 fl. oz. of this product per gal. of water {(or equivalent use dilution)} on an hourly or every other hour basis. If this is done, fog for 30 - 90 seconds once per hour or once every 2 hours. Vacate the area of all personnel during fogging and for a minimum of 2 hours after fogging and a minimum of 4 air exchanges (ACH) per hour in the facility. When fogging is complete, ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has dried. Thoroughly scrub all fogged feed racks, mangers, troughs, automatic feeders, fountains, waterers, and other treated equipment with soap or detergent, and rinse with potable water before reuse.

## {DEODORIZING AND CLEANING}

**GENERAL DEODORIZATION:** To deodorize, apply 4 – 8 fl. oz. of this product per gal. of water {(or equivalent use dilution)} to hard, non-porous surfaces. [{Rinse}] {Wipe up excess liquid {with a paper towel}} {and} {or} {Allow to air dry}.

**DEODORIZING DIRECTIONS:** This product deodorizes garbage storage areas, garbage bins, toilet bowls and any other hard, non-porous surfaces in odor causing areas. Mix 4 - 8 fl. oz. per gal. of water and apply solution to surfaces. Thoroughly wet surfaces, allow to air dry.

**FOR DEODORIZING GARBAGE CANS, GARBAGE TRUCKS, INDUSTRIAL WASTE RECEPTACLES, AND GARBAGE HANDLING EQUIPMENT:** It is especially important to pre-clean for the product to perform properly. Then apply a wetting concentration of 16 fl. oz of this product per gal. of water {(or equivalent use dilution)} (3,125 ppm quat active).

**FOR ODORS CAUSED BY DOGS, CATS AND OTHER DOMESTIC ANIMALS:** Use on rugs, floors, walls, tile, cages, crates, litter boxes, mats, floor coverings, or any surface soiled by a pet. Test a small inconspicuous area first. Blot problem area. Then follow directions for **GENERAL DEODORIZATION**.

**FOR ODORS CAUSED BY PETS:** Use a solution of 4 - 8 fl. oz. of this product per gal. of water on rugs, floors, walls, tile, cages, crates, litter boxes, mats, floor coverings, or any surface soiled by a pet. Spray to eliminate odors from pets using a coarse spray device. Do not breathe spray. {{Wipe up excess liquid {with a paper towel}} {and} {or} {Allow surface to air dry}}. (Not for use in CA.)

**GENERAL CLEANING:** For general cleaning, use 4 - 8 fl. oz. per gal. of water. Apply use solution with a cloth, mop, sponge, disposable wipe, sprayer or by immersion to thoroughly wet the surfaces. Wipe or rinse with potable water or allow to air dry. A potable water rinse is required when used on food contact surfaces as a cleaner. For visibly soiled surfaces, Pre-clean first. Prepare a fresh solution for each use or more often if solution becomes visibly diluted, clouded or soiled.

**RV HOLDING TANKS/RECREATIONAL VEHICLES:** For toilet waste and holding tanks, cover bottom of holding tank with water and add 4 – 8 fl. oz. of this product per gal. of water to deodorize. If odors return before time to empty, add another 4 – 8 fl. oz. of this product per gal. of water to the tank. For kitchen waste, add 4 – 8 fl. oz. of this product per gal. of water to gray water tank as needed to control malodors created by dirty dishwater. (Not for use in CA.)

**FOR DEODORIZING SEPTIC STORAGE TANKS:** Pre-clean visibly soiled areas. When tanks are empty, pour 4 - 8 fl. oz. of this product for every gal. of tank capacity on recreational vehicles, campers, and boats to control odors. As tank fills with sewage and the vehicle is moving, this solution will mix and provide an adequate deodorizing solution for this use. This product is to be used on gray and black water tanks only. Dispose of sewage in accordance with federal, state, and local regulations for waste disposal. (Not for use in CA.)

**AUTOMOTIVE USES:** A solution of 4 – 8 fl. oz. of this product per gal. of water will effectively neutralize {damp} {musty} odors. Spray or apply onto seats, carpets, headliner, and ashtray or into trunk and all vents to eliminate odors from tobacco, food, beverage spills, and musty carpet. For sprayer applications, use a coarse spray device. {{Wipe up excess liquid {with a paper towel}} {and} {or} {Allow to air dry}}. (Not for use in CA.)

**AIR FRESHENER:** A solution of 4 – 8 fl. oz. of this product per gal. of water will effectively neutralize {damp} {musty} odors caused by mildew in storage areas, basements, closets, bathrooms, and A/C filters. Spray to eliminate odors from tobacco, food, beverage spills, and musty carpet. For sprayer applications, use a coarse spray device. {{Wipe up excess liquid {with a paper towel}} {and} {or} {Allow surface to air dry}}. (Not for use in CA.)

**GLASS CLEANING{/DEODORIZING} DIRECTIONS:** Use a solution of 4 – 8 fl. oz. of this product per gal. of water to clean and deodorize windows, mirrors, and glass surfaces. Use a coarse spray device. For spray applications, spray 6 – 8 inches from surface. Do not breathe spray. Rub with sponge or cloth. Change cloth, sponge, or towels frequently to avoid re-deposition of soil.

**CLEANSING OF BODY SURFACES AND BODY ORIFICES OF HUMAN REMAINS:** To cleanse away skin secretions and accompanying malodor, to ensure the removal of all soil and bloodstains, and to remove and reduce surface contamination, apply 4 - 8 fl. oz. of this product per gal. of water {(or equivalent use dilution)} to the surfaces and body openings, natural or artificial. Allow a 10-minute contact time for optimal results. Bathe the entire body using sponge or washcloth. A soft brush may be employed on surfaces other than the face. Prepare a fresh solution for application to each remains.

**DRAIN CLEANING:** For cleaning drains, dilute 4 - 8 fl. oz. of this product per gal. of water. Pour solution down drain being sure to coat all sides of drainpipe. Allow all treated surfaces exposed to solution to air dry.

**FOR USE ON FINISHED FLOORS:** To limit gloss reduction use this product at 4 fl. oz. per gal. of water. Apply with a damp mop or auto scrubber.

**FOR CONTROL OF DROSOPHILA SPP. AND PHORIDAE FAMILY OF FLIES ON NON-FOOD CONTACT SURFACES:** To control flies on hard, non-porous, non-food contact surfaces such as floors, walls, countertops, metal surfaces, painted surfaces, glazed porcelain, glazed tile, glass, chrome, rubber, and plastic in restaurants, bars, kitchens, dishwashing areas, bar and wait station areas, and other food storage areas. After removing gross filth, apply a solution of {{4 fl. oz.} {one 4-fl. oz. packet}} of this product per gal. of water {(or equivalent use dilution)} to surfaces and locations where flies breed. Spray surfaces thoroughly or apply by pouring, mopping, or sponging onto the surface. Allow surface to remain visibly wet for 10 minutes. Repeat application 1 – 2 times per week or as needed. Do not contaminate food and food packaging.

**FOR CONTROL OF SMALL FLIES IN DRAINS:** For control of small flies: *Drosophila* spp. and the Phoridae family. Spray or pour solution of [{4 fl. oz.} {one 4 fl. oz. packet}] of this product per gal. of water {(781 ppm active)} {(or equivalent use dilution)} into the drain during time of lowest level of drain use. Add 3.5 fl. oz. of use solution to each drain to maintain fly control. Apply product around the edge of the drain and thoroughly coat inside of drain. Repeat application 1 – 2 times per week or as needed. Do not contaminate food and food packaging.

## **{MUSHROOM, FLORIST GREENHOUSES}**

### **MUSHROOM FARM INDUSTRY USE DIRECTIONS**

**Site Preparation:** Remove visible contamination and debris. This may be accomplished by using a shovel, broom, or vacuum, depending on the area to be disinfected.

**Disinfection:** Pre-clean visibly soiled areas. Use [{4 fl. oz.} {one 4-fl. oz. packet}] of this product per gal. of water {(or equivalent use dilution)}. Wet all hard, non-porous surfaces thoroughly. Treated surfaces must remain visibly wet for 10 minutes. Let air-dry. Prepare a fresh solution for each use.

**For Heavy Duty Cleaning:** When heavy duty cleaning is desired, use 16 fl. oz. of this product per gal. of water {(or equivalent use dilution)}. Heavily soiled areas will require repeated cleaning before treatment.

**DO NOT APPLY TO THE MUSHROOM CROP, COMPOST, OR CASING.** Rinse treated surfaces with potable water before they contact the crop, compost, or casing.

**WORK AREAS AND BENCHES, POTS, FLATS AND FLOWER BUCKETS, CUTTING TOOLS:** Pre-clean surfaces. [{[Spray] {or} {swab}}] hard, non-porous working surfaces {or} {Soak cutting edge of tool}] with a solution of 4 fl. oz. of this product per gal. of water {(or equivalent use dilution)} before each work period and again after each plant is completed {to help control transfer of diseases such as *Botrytis*, crown rot, downy mildew, *Erwinia* and root rot}. Allow surface to remain visibly wet for 10 minutes. To apply solution with a sprayer, use as a coarse spray only and spray 6 - 8 inches from surface. Do not breathe spray. Wipe up excess liquid or allow to air dry. {Dry and oil tools at the end of each workday.} Prepare a fresh solution daily or when visibly dirty. *(Not for use in CA.)*

**FLORIST USE DIRECTIONS:** To clean {and} disinfect {and deodorize} hard, non-porous surfaces, prepare use solution of 4 fl. oz. of this product per gal. of water {(or equivalent use dilution)}. For heavy-duty use, add 16 fl. oz. of this product per gal. of water {(or equivalent use dilution)}. Remove all leaves, petals, garbage, and refuse. Pre-clean surfaces using pressurized water where possible. Apply use solution to surfaces, thoroughly wetting as required, with a cloth, mop, brush, sponge, {mechanical spray device,} [{hand pump} {coarse}] trigger spray device. For sprayer applications, spray 6 - 8 inches from surface. Do not breathe spray. Rub with brush, sponge, mop, or cloth. Treated surfaces must remain visibly wet for 10 minutes. Wipe up excess or allow to air dry. Change cloth, sponge, or towels frequently to avoid re-deposition of soil. Prepare a fresh solution daily or when visibly dirty.

**HOUSEPLANT AND GARDENING CONTAINERS AND EQUIPMENT** *(Not for use in CA.):* To control algae and cross-contamination in terrariums, bubbles, and other hard, non-porous gardening surfaces, wipe surface with a solution of 4 fl. oz. of this product per gal. of water {(or equivalent use dilution)}. Allow surfaces to remain visibly wet for 10 minutes then air dry. Prepare a fresh solution daily or when visibly dirty.

**GREENHOUSE GLASS** *(Not for use in CA.):* Spray or swab hard, non-porous surfaces with a solution of 4 fl. oz. of this product per gal. of water {(or equivalent use dilution)}. Allow to air dry. Wash off dead algae with water. Spray clean surface again with the solution. Do not rinse. For sprayer applications, use as a coarse spray only. Allow surfaces to remain visibly wet for 10 minutes then air dry. Prepare a fresh solution daily or when visibly dirty.

**WALKWAYS** *(Not for use in CA.):* This product will inhibit the growth of algae on {sealed} hard, non-porous walkways. For heavy infestations, spray or swab surface with a solution of 4 - 8 fl. oz. of this product per gal. of water {(or equivalent use dilution)}. Let stand for an hour or more then brush and wash away dead algae. Soak area again with the solution. Do not rinse. Allow to dry on the surface and repeat application when algae growth returns. For sprayer applications, use as a coarse spray only. Allow surfaces to remain visibly wet for 10 minutes then air dry. Prepare a fresh solution daily or when visibly dirty.

## {CARPET CLEANING}

(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 (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 4 fl. oz of this product per gal. 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 4 - 8 fl. oz. of this product per gal. 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 4 – 8 fl. oz of this product per gal. 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 is for use 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 4 - 8 fl. oz. of this product per gal. of water {(or equivalent use dilution)}.

**For truck mounted extraction machines:** Mix 4 - 8 fl. oz. of this product per gal. of water {(or equivalent use dilution)} and meter at 4 gallons per hour.

**For rotary floor machines:** Mix 4 – 8 fl. oz. of this product per gal. of water and apply at the rate of 300-500 sq. ft. per gallon.

Do not mix this product with other cleaning products. Follow the cleaning procedures as 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.

**CARPET DEODORIZER AGAINST ODOR-CAUSING BACTERIA FOR NON-HEALTHCARE INSTITUTIONAL AND INDUSTRIAL USE:** This product deodorizes the carpet by controlling/reducing the growth of odor-causing bacteria. It is for use in industrial and non-healthcare institutional areas: motels, hotels chains and nursing homes.

Vacuum carpet thoroughly prior to application. Mix 4 - 8 fl. oz of this product per gal. 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 - 8 fl. oz. 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 must 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 (product name) must not be mixed with other cleaning products.

**SMOKE DAMAGE RESTORATION:** This product is effective against odor causing bacteria and fungi in non-healthcare institutional and industrial premises. This product 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. Saturate affected materials with enough product to remain visibly wet for at least 10 minutes. Use proper ventilation.

## **{DELIVERY SYSTEMS}**

Delivery system{s} should be monitored and maintained to ensure consistent effective concentrations are produced for use.

### **{Automated Dilution System} {(Dilution Systems Trade Name)} {Closed Loop Dispensing} {Bag-In-Box} Instructions:**

Remove [{cap} {spray nozzle}] from empty container. Fill empty container with a freshly prepared use solution. Replace [{cap} {spray nozzle}]. Place correct use-dilution label on newly filled container.

(or)

{Remove cap and} Insert [{cartridge} {container}] into dispenser. {See dispenser instructions for proper placement of [{cartridge} {container}].} [{Press button} {or} {turn knob}] to dispense (*Insert appropriate dilution from dilution list*) of this product into a [{bucket}, {bottle}, {scrubber} or {other} {container}].

(or)

Turn off water to connect [{unit} {cartridge}]. Attach water source. Rotate control knob to fill a [{bottle} {or} {bucket} {other container}]. Squeeze handle to dispense (*Insert appropriate dilution from dilution list*). {See device instruction manual for more information.}

(or)

{Remove {insert color} locking rings.} Push {the} control knob [{sideways} {down}] until [{bottle} {bucket}] icon is completely depressed against the dispensing head {for [{low} {high}] flow rate applications such as filling [{a {coarse} trigger spray bottle} {mop buckets}].} {Use hose with quick-connect, supplying potable water – Connect to dispensing head. Squeeze to dispense. Slide holding lock to dispense into a bucket and free hands.}

(or)

Attach sprayer unit to hose. Secure tightly. Check that the sprayer is in the off position. Turn on water. Turn sprayer to on position to dispense (*insert appropriate dilution from dilution list*). Spray evenly over surface. When finished turn sprayer to off position and then turn water off. Separate mixing of the concentrate or other application equipment is not required. First ensure the hose faucet is turned off.

(or)

Ensure water source is off. Attach water hose to [{dispensing unit} {sprayer unit}] and attach to container. {See dispenser instructions for proper assembly.} Secure all connections. Ensure that the [{lever} {knob} {dial}] on the [{dispenser} {sprayer}] is in the [{off} {closed}] position. Turn on the water. Turn the [{lever} {knob} {dial}] on the [{dispenser} {sprayer}] to the [{on} {open}] position to [{dispense solution into a {bucket}, {bottle}, or {other} {container}} {spray onto surfaces}]. When finished, turn the [{lever} {knob} {dial}] on the [{dispenser} {sprayer}] to the [{off} {closed}] position and turn the water off.

(or)

{Twist a (*insert package name*) Cap onto (*insert product name*) spout.} Fit ¼" tubing to the automatic dilution system and attach to (*insert package name*) Cap. {Insert an in-line check valve in the run of the tubing between the automatic dilution system and the (*insert package name*) Cap.} Push tubing over the barbs of the (*insert packing name*) Cap. Secure tubing connections with plastic zip ties. [{Place} {Hang}] (*insert package name*) [{upside down} {on its side}]. See automatic dilution system instructions for detailed directions.

(or)

This package is designed to be used with dilution control systems only. Open package and connect to [{hose} {system}] to dispense according to directions on the box.

**Dilutable Bags Or Pouches:** [{Remove} {Unscrew}] [{cap} {spout} {sprayer}] from [{bag} {pouch}]. Fill [{bag} {pouch}] with (*insert quantity here*) fl. oz. of water. Replace [{cap} {spout} {sprayer}]. Squeeze [{bag} {small section filled with concentrate}] until the seal between water and concentrate is broken. Shake to mix. [{Open [{cap} {spout}]} to dispense in [{bucket} {bottle} {or} {other} {container}].] [{Spray} {Pull top on cap and squeeze bag to dispense}] onto hard, non-porous surfaces. Do not refill [{bag} {pouch}].

**Pre-Measured Cartridges:** Fill {appropriate} [{bottle} {container}] with (*insert quantity here*) fl. oz. of water. [{Apply} {Insert} {Twist} {Screw}] cartridge [{onto} {into}] [{bottle} {container}] [{finish} {opening}]. {Remove any tamper evident protection.} [{Lift} {Unscrew} {Open}] cap {from the cartridge}. [{Push} {Press} {Twist}] the [{button} {activator} {dial} {knob}] {to release the concentrate into the diluent}. {Replace cap.} Shake to mix. [{Remove cap} {Flip top} {Pull top} {Peel film}] to open. [{Dispense contents into [{bucket}, {bottle}, {or} {other} {container}]} {Squeeze bottle to dispense contents onto hard, non-porous surfaces}]. Keep cartridges in [{box} {dispenser} {holder}] until ready to use.

**{Coarse} Trigger Sprayers:** Fill bottle from dispenser. {Apply to surfaces according to directions above.}

**Spray Use Instructions:**

**How to Assemble Extendable Trigger**

1. Remove [{cap} {sprayer}] from bottle.
2. Insert end of tube into bottle until new cap meets bottle.
3. Twist cap onto bottle until secure.

**How to Spray**

1. Adjust nozzle to ON (**Note to Reviewer:** *There will be an ON symbol here*) position as indicated on nozzle.
2. [{To prime sprayer, direct nozzle toward surface to be treated and squeeze trigger several times until liquid is seen through the length of the tube. **Note:** Keeping sprayer head below the level of liquid in bottle will make priming easier.}] {When priming, hold sprayer level to the ground. If held at an angle, sprayer will not prime.}]

**After Use**

1. Turn nozzle to OFF (**Note to Reviewer:** *There will be an OFF symbol here*) position.

(Spray Cap container language)

**Shake Well.** Remove sticker. Open flip cap. Firmly insert red hose tip.

**Mop Buckets:** Fill bucket from dispenser. Set up “Wet Floor” signs. Mop floor surfaces as specified in directions above.

(**Note to Reviewer:** *For pre-measured tear open packet only*)

**Packets:** [{Simply} {Tear} open and}] pour contents into (X) gal. of water. {Keep packets in box until ready to use.}

**Stock Solutions Instructions:**

**{For Spray Bottles:}**

1. Fill stock [{solution bottle} {mixing container}] {insert bottle number} to indicated line with (X) [{fl. oz.} {gal.}] of water.
2. Pour contents of (X) pack{s} [{of this product} {insert packet number}] into stock [{solution bottle} {mixing container}].
3. Fill {quart} [{hand pump} {coarse}] trigger spray bottle {insert bottle number} with (X) fl. oz. to water line.
4. Add (X) pump stroke {(X) fl. oz.} from stock [{solution bottle} {mixing container}] to create a (X) ppm active solution.

**Note:** Empty and rinse bottles before refilling.

**For [{Mop} Buckets] {or} [{Soaking} {Wiping} {Cloth} Containers]:**

1. Fill [{mop} bucket] {insert bucket number} {container} to indicated line with (X) [{fl. oz.} {gal.}] of water.
2. Pour contents of (X) pack{s} [{of this product} {insert packet number}] into stock [{solution bottle} {mixing container}].
3. Add [{(X) pump stroke{s}} {(X) fl. oz.}] from stock [{solution bottle} {mixing container}].
4. {Soak clean {wiping} cloths between use.}
5. Prepare a fresh solution daily or when visibly dirty [{or if falls below (X) ppm active quat.}] {Use quaternary test strips for testing active level}.

**Refills**

**To Refill Concentrate from Large Containers into Smaller Containers:** This product may be used to fill and refill clean, properly labeled containers for dilution elsewhere within your facility. Make sure the small container has been cleaned, dried, and properly labeled according to state and local regulations. Also make sure other items (funnels or hand pumps) are properly cleaned and dried. To refill, [{simply pour} {pump product}] from the larger container directly into the smaller one being careful not to spill any product. Keep both containers sealed when not in use.

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## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER. Corrosive.** Causes irreversible eye damage and skin burns. May be fatal if swallowed, inhaled, or absorbed through skin. Do not breathe vapor. Wear appropriate protective eyewear such as goggles, face shield, or safety glasses. Wear coveralls over long-sleeved shirt and long pants, socks, chemical-resistant footwear, chemical-resistant gloves (Barrier Laminate, or Butyl Rubber ≥ 14 mils, or Nitrile Rubber ≥ 14 mils, or Neoprene Rubber ≥ 14 mils, or Polyvinyl Chloride (PVC) ≥ 14 mils, or Viton ≥ 14 mils), and chemical-resistant apron when mixing and loading. Wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any N1, R, or P filter; OR a NIOSH-approved elastomeric particulate respirator with any N1, R, or P filter; OR a NIOSH-approved powered air purifying respirator with HE filters. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash clothing before reuse.

## ENVIRONMENTAL HAZARDS

*(If container is equal to or greater than 5 gal., the following statement must appear on the label.)*

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 into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

*(If container is less than 5 gal., use the following as an alternate to the above statement.)*

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

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## STORAGE AND DISPOSAL

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

**{Pesticide} Storage:** Store only in original container. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

### Container Handling:

**(Note to Reviewer:** One or more of the following paragraphs for Container Handling will be selected, depending on packaging use/type.)

*{For residential/household use ONLY}*

Non-refillable container. Do not reuse or refill this container. Offer for recycling if available or place in trash.

*{For products with industrial, institutional, commercial use – May choose appropriate non-refillable/refillable statement.}*

*{For non-refillable containers equal to or less than 5 gal.}*

Non-Refillable Container. Do not reuse or refill this container. Triple rinse container {(or equivalent)} promptly after emptying. Triple rinse as follows: Fill the container ¼ full with water and recap. Shake for 10 seconds. Drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

*{For non-refillable containers greater than 5 gal.}*

Non-Refillable Container. Do not reuse or refill this container. Triple rinse container {(or equivalent)} promptly after emptying. Triple rinse as follows: Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip back and forth several times. Turn the container over onto its other end and tip back and forth several times. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

*{For non-refillable packets, Bag-In-Box, and other sealed containers}*

**(Note to Reviewer:** sealed containers are designed to reduce worker exposure to the concentrate. None of these types of containers can be triple rinsed because they are closed, welded, sealed containers.)

Non-Refillable Container. Do not reuse or refill this container. {Wrap empty container and} Put in trash or offer for recycling.

*{Refillable containers}*

Refillable Container. Refill this container with this product only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

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## {SPANISH ADVISORY STATEMENTS}

**(Note to Reviewer:** This statement is optional except when used on labels with agricultural uses.)

{SI USTED NO ENTIENDE LA ETIQUETA, BUSQUE A ALGUIEN PARA QUE SE LA EXPLIQUE A USTED EN DETALLE.  
IF YOU DO NOT UNDERSTAND THE LABEL, FIND SOMEONE TO EXPLAIN IT TO YOU IN DETAIL.}

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## {GRAPHICS AND ICONS}

**(Note to Reviewer:** These are representative icons for use sites/application methods listed in the location/surfaces section of this label that may appear on the label with the appropriate directions for use, PPE, or package type.)

{Picture of Bathroom}

{Picture of Toilet}

{Picture of Urinal}

{Picture of Sink}

{Picture of Dishes}

{Picture of Three Compartment Sink}

{Picture of Carpet Cleaning Machine}

{Picture of Mop and Bucket}

{Picture of Laboratory Equipment}

{Picture of Gloved Hand and Spray  
Bottle}

{Picture of Gloved Hand and Towel}

{Picture of Toilet Brush}

{Disinfectant Logo}

{Baby Drowning in Bucket

Warning Graphic}

{Recycling Logo}

{Made in USA Logo/Flag}

**(Note to Reviewer:** The following may be used only if the supplemental registrant has obtained a Kosher/NSF/SQF listing. Allowed on back or side panel only.)

{Kosher Logo}

{NSF Logo}

{NSF Listed}

{{Insert 6-Digit NSF Listing Number  
here}}

{SQF Certification Logo}

{{Insert 5-digit SQF Certification  
Number here}}

## {WARRANTY STATEMENT}

**(Note to Reviewer:** This statement is optional.)

Read Product Safety Data Sheet prior to use, PRODUCT WARRANTY, DISCLAIMER AND LIMITATION OF LIABILITY ARE FOUND on the Product Material Safety Data Sheet. Unless inconsistent with applicable law, use of Product signifies agreement with these provisions.

Lea la Hoja de Seguridad del Producto antes de usarlo. LA GARANTIA DEL PRODUCTO, DECLINACION Y LIMITACION DE RESPONSABILIDAD SE ENCUESTRAN en la Hoja de Seguridad del Producto. A menos de que sea inconsistence con la ley, el uso del product significa acuerdo con esteas disposiconies.

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(Note to Reviewer: This is optional packet labeling.)

X FL. OZ. PACKET (OR EQUIVALENT USE DILUTION) LABEL TO BE USED WITH MASTER CONTAINER LABEL

## ***Insert Product Name***

(Note to Reviewer: Marketing claims may be used on the pouch.)

{FOR USE AS {A} {HOSPITAL DISINFECTANT} {GENERAL DISINFECTANT}  
{NON-FOOD CONTACT SANITIZER} ON HARD NON-POROUS SURFACES  
{OR} {AND}  
{SOFT SURFACE SANITIZER}}

NOT FOR RESALE

### **ACTIVE INGREDIENTS:**

Alkyl (50%C14, 40%C12, 10%C16)

Dimethyl benzyl ammonium chloride..... 1.000%

Octyl Decyl Dimethyl Ammonium Chloride ..... 0.750%

Didecyl Dimethyl Ammonium Chloride..... 0.375%

Dioctyl Dimethyl Ammonium Chloride..... 0.375%

**OTHER INGREDIENTS:**..... 97.500%

**TOTAL:**..... 100.000%

### **KEEP OUT OF REACH OF CHILDREN DANGER {PELIGRO}**

SEE [{OUTER CONTAINER} {INSERT}] FOR PRECAUTIONARY STATEMENTS AND DIRECTIONS FOR USE

Mix each (*insert fl. oz.*) packet with (*insert volume*) of water {to make a (X) ppm solution}. {Keep packets in box until ready to use.}

(Note to Reviewer: The following text is optional.)

**{SI USTED NO ENTIENDE LA ETIQUETA, BUSQUE A ALGUIEN PARA QUE SE LA EXPLIQUE A USTED EN DETALLE.**

**IF YOU DO NOT UNDERSTAND THE LABEL, FIND SOMEONE TO EXPLAIN IT TO YOU IN DETAIL.}**

**DISPOSAL:** Do not reuse or refill this container. {Wrap empty container and} Put in trash.

**(Company Name and Address)**

EPA Reg. No. 94602-

EPA Est. No.

NET CONTENTS: X FL. OZ.