

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

May 29, 2018

Lok Chum Agent for Virox Technologies Inc. 2770 Coventry Road Oakville, Ontario 6LH 6R1 Canada

Subject: Notification per PRN 98-10 – Minor Label Revisions

Product Name: Oxy-1 RTU

EPA Registration Number: 74559-9 Application Date: 04/04/2018 Decision Number: 541420

Dear Mr. Chum:

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

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

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

If you have any questions, you may contact Terria Northern at 703-347-0265 or via email at northern.terria@epa.gov.

Sincerely,

for

Zeno Bain, Product Manager 33 Regulatory Management Branch I Antimicrobials Division (7510P) Office of Pesticide Programs

# OXY-1 RTU

{Alternate Brand Names: Pre-Empt, Triumph, Avert, Peroxcide; REScue; REScue Ready to Use One Step Disinfectant Cleaner & Deodorizer; INTERVention Farm Animal Care Disinfectant Cleaner & Deodorizer: **INTERVention Animal Husbandry Disinfectant Cleaner & Deodorizer**}

Hydrogen Peroxide (logo) patent pending

NOTIFICATION

74559-9

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

05/29/2018

[USA Patent #: 7,632,523 & 7,354,604 {or insert new patent # when available}] Accelerated Hydrogen Peroxide® and AHP® are owned by Virox Technologies Inc. and used under license

#### [READY TO USE [LIQUID]]

(ALL-IN-ONE) (MULTI-SURFACE) (ONE-STEP) (ANIMAL PREMISES) (HOSPITAL) DISINFECTANT) (SANITIZER) • (CLEANER) • (GENERAL) (\*VIRUCIDE) • (BACTERICIDE) • (TUBERCULOCIDE) • (FUNGICIDE) • (MILDEWCIDE) • (DEODORANT)

• (Deodorizer) (Odor Counteractant) (Odor Neutralizer)

• (Compatible with [most] <sup>\infty</sup>Surfaces) •

(Cleans, Disinfects, (&) Deodorizes) (with the power of Hydrogen Peroxide)) (Sanitizes) (Meets OSHA Bloodborne Pathogen Standard for \*HBV, \*HCV & \*HIV)

(Animal Husbandry) (Restroom) (&) (Bathroom) (Disinfectant Cleaner) (Hospital Disinfectant Cleaner) (Multi-Surface Disinfectant Cleaner)

> (Cleans, Deodorizes and Brightens in One Step) (Cleans Grout) (Cleans hard, non-porous water washable surfaces!) (Use Daily to Prevent the Build-up of Dirt and Grime.)

> > (Fragrance Free Formula) (Unscented) (Non-Allergen Formula) (Non-Sensitizing Formula)

# *{FRAGRANCE CLAIMS}:*

Apple [Scent] [Scented] **Cherry Scent** Cherry [almond] [crush] [sparkle] [spritz] Citrus [Scent] [Scented] Dark Cherry Scent Fresh Scent [Scented] Fruity Floral [Musk] [Scent] [Fruity] [Floral] [Scent] [Scented]

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Fruity Green Floral [Scent]Lemon Fresh [Clean]

[Light] Floral Scent [Scented]

[Light] Fruity Scent

Natural Scent

Natural Almond Scent

Natural Cherry Scent

Sweet Almond Scent

[For] Residential Use

[For] Home Use

For Homecare Use

For Home (and) [Healthcare] Use

For Office Use

For Veterinary Use

For Aquaculture Use

For Barn Use

For Farm Use

For Use in Mold and Remediation [and Restoration]

For Use in Personal Services

For Use in Alternative Care (Clinics)

For Use in Alternate Care (Clinics)

For Use in Sleep Therapy (Clinics)

For Use in Allied Health (Clinics)

For Use in Radiology (Clinics)

For Use in Medical Imagery (Clinics)

For Use in Transportation

For Use in Aviation

For Use in Truck Washing

For Use in Ophthalmology (Clinics)

For Use in Massage Therapy (Clinics)

For Use in Agriculture Premises

For Use in {insert institutional use site from table 11}

(Intended for) (For) (Hospital,) (Health Care,) (Commercial,) (Industrial) & (Institutional) Use (Only) Intended [For] [Hospital][Health Care] [Residential] [Industrial] [&] [Institutional] [Animal Health][Animal Premises] [Use] [[Animal Health]Premises Disinfectant Cleaner]

[For Spa and Salon Use] [For Use in Spas and Salons][and Clinics][ideal for Pedicure Foot (Spas) (Basins) (Baths) (pedicure foot spa equipment).]

For use [in] [Animal][Health][premises][settings][facilities][Animal Research Facilities]

For use [in] [Life Sciences] [Laboratories]

Hospital Disinfectant

#### **Active Ingredient:**

Hydrogen Peroxide	0.5%
Other Ingredients	99.5%
Total	100.0%

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#### KEEP OUT OF REACH OF CHILDREN

[Efficacy claims backed by third party validation.]

[See reference sheet [enclosed in each case] for [a complete list of pathogenic organisms] [additional features [and] claims] [Directions for use] [claimed for this product] [or product name]].

{ NOTE To Reviewer: Due to space constraints, the Container Label may not include all of the organism claims and marketing claims approved on the Master Label. Therefore, a separate reference sheet containing additional organism claims and marketing claims is added at the end under title "Reference Sheet". This reference sheet may be inserted into the shipping case and/or distributed separately or be available at the point of sale. When a separate reference sheet is used, it will either include the use direction, precautions, etc. or contain the instructions to the user to see the product/container label for use directions, precautions, etc.}

**Net Contents:** {insert package contents here}

EPA Reg. No. 74559-9

EPA Est. No. 74559-CAN-1

Manufactured By (For):
Virox Technologies Inc.
2770 Coventry Road
Oakville, ON, L6H 6R1
1 800 387-7578 www.virox.com [www.viroxanimalhealth.com]

( $^{\infty}$ non-food contact)

{SHORT GENERAL MARKETING CLAIM}: {Note to reviewer - This text will only appear on the appropriate container.}

Acute Oral Toxicity [LD50>5,000 mg/kg][Category IV]

Acute Inhalation Toxicity [LC50>2.08 mg/L][Category IV]

Acute Dermal Toxicity [LD50>5,050 mg/kg][Category IV]

An effective One-step sanitizer-cleaner for use on hard non-food contact surfaces

Antimicrobial

[A disinfectant and cleaner that] cleans, disinfects and deodorizes in one labor saving step

Bactericidal, \*Virucidal, and \$Pseudomonacidal in 1 minute!

Bleach free

Broad-spectrum [multipurpose] [Multi-surface] [Bactericidal] [\*Virucidal] [Tuberculocidal]

[Fungicidal][sanitizer] [Disinfectant] [activity]

Chlorine free [No] [chlorine] [bleach]

Contains No VOC-emitting ingredients

Cleans [and disinfects] [hard, non-porous surfaces] [kitchens<sup>‡</sup> and bathrooms]

Cleans, deodorizes and removes soils

Cleans, disinfects and deodorizes [hard, non-porous surfaces]

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Cleans [fast] [in kitchen<sup>‡</sup>] [and bathrooms]

Cleans [removes] [eliminates] [destroys] baked-on food

Cleans [removes] [eliminates] [destroys] burnt-on food

Cleans [tough] grease and grime

Cuts [cleans] kitchen<sup>‡</sup> [and] [bathroom] [and] household grime and soils [fast]

Cleans [and disinfects] hard, non-porous surfaces {or insert any hard non-porous surface from table 10 and 14} [found] [in] [hospitals] [health care facilities] [offices] [colleges] {or insert any institutional use site from table 11 or household use site from table 15}

Clean you expect.

Cleans [fast]

Cleans [removes] [eliminates] [destroys] stains

Cleans [tough] grease and grime [and][institutional][soils][fast]

Cleans [tough] soap scum

Cleans without bleaching

Cleans and disinfects non-food contact hard non-porous surfaces (kitchens<sup>‡</sup> and) (bathrooms) (restrooms)

Cleans, kills and prevents mold and mildew

Controls (Eliminates) (kitchen<sup>‡</sup>) odor-causing bacteria

Contains no [abrasives] [bleach]

Compatible with [equipment] and [hard] [non-porous] surfaces

Compatible with microfiber [cloths]

Contains no phosphates

Contains no (abrasives) (bleach) (or harsh acids)

Compatible with [Suitable for][Will not harm] most hard non-porous [house hold] surfaces, [no bleach (or chlorine) stains]

Crime scene disinfectant [and cleaner]

Disinfect in one easy step

Deodorizes

Designed specifically to [effectively] eliminate odors caused by mold and mildew

Disinfects (Deodorizes) (and Sanitizes) as it cleans

Disinfects (Deodorizes) hard, non-porous surfaces

Disinfects as it cleans

Disinfects - kills germs for a deep down clean

Designed for the needs of the restoration contractor

Destroys bacteria \*viruses, fungi, †mycobacteria and mildew on hard non-porous surfaces found in swine, poultry, dairy, equine farms and animal holding and research facilities

Deodorizes odor-causing bacteria

Dual action formulation providing broad spectrum activity against; fungi, †mycobacteria, \*viruses, and bacteria

Easy to use – just spray [and][walk away]

Effective – Cleans soap scum

Effective cleaner and disinfectant for crime scenes

[Effective] Fungicide

Eliminates bacteria from (kitchen<sup>‡</sup>) (bathroom) (washroom) (restroom) surfaces

Eliminates (kills) odor-causing bacteria

Eliminates odors [caused by bacteria], [fungi] [mold], [mildew]

Fast / Easy / Effective: Use [in] [on] [the] {insert any institutional use sites from table 11} {OR} {insert any residential use sites from table 15}

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For Indoor and Outdoor Use

For multiple cleaning tasks

For use as a mold remediation treatment [where mold is a problem]

For use [in] [Hospitals], [Health Care], [Daycare] settings [as a multi-purpose disinfectant cleaner].

For use in [[Crime] [and] [Trauma] Scene Clean-Up] [Mold & Remediation] [Water/Flood Damage

Restoration] [Equipment and PPE Disinfection (Non-Critical Devices)] [Carpet Cleaning & Deodorizing] [Grey or Black Water] [Damage][and][Trauma] [Sewage] [Backflow] [Mold Restoration] [Catastrophic events and gross contamination] [HVAC] [Applications]

For use as a mold preventative or remediation treatment in areas where mold can or has been a problem For use on mannequins

Formulated with patented hydrogen peroxide technology

For everyday use [in institutional and (industrial) (institutional) facilities]

For a cleaner, fresher office (school) (college)

For any non-food contact hard, non-porous surface where germs are a concern.

For use [in] [on] [the] {insert any institutional use site from table 11} {insert any residential use sites from table 15} [as a multi-purpose disinfectant cleaner]

For non-scratch cleaning of showers and tubs, shower doors and curtains<sup>T</sup>, fixtures and toilet bowls For multiple cleaning tasks

For use [in] [Household], [Homecare], [Daycare] settings [as a multi-purpose disinfectant cleaner].

For everyday use [in kitchens<sup>‡</sup> and] [bathrooms] [restrooms]

For a cleaner, fresher household

For everyday use

For use[in] [on] [the] {insert any residential/household use site from table 15} [as a multi-purpose disinfectant cleaner

For Use in Laboratory Settings and Alternate Care Clinics

**Fungistat** 

Good for most indoor cleaning tasks

Great (Ideal) for travel

Great (Ideal) when you are on-the-go

Help make your {insert any use site from table 11 or table 15} [insert product name] Clean

Hydrogen Peroxide (based) disinfectant

For use in Homecare

(Ideal for use in) Remediation and Restoration Sites (Sewage, Water, Flood, Trauma, and/or Fire Scenes)

Ideal for cleaning and disinfection of surfaces in critical environments for contamination control

Ideal product for use in LEED Certified buildings

[This product is used to] Inhibit[s] or prevent[s] the growth of mold organisms when materials are subjected to moist or wet environments

Ideal for: [[Mold & Mildew Remediation Sites][Professional Restoration Sites][ Sites [Sewage Backflow Sites][Water / Flood Damage Sites][Trauma / Crime Scene / Fire Scene Clean Up][Carpet Cleaning & Deodorizing (Remediation)][Equipment & PPE Disinfection]]

Intense cleaning action

Keeps day care centers clean

Kills Bacteria in 1 minute

Kills \*Viruses in 30 seconds

Kills [99.9% of] germs [in 1 minute]

Kills [99.9% of] [the] [cold and flu viruses<sup>∞</sup>] in 30 seconds

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Kills antibiotic resistant bacteria\*\*

Kills and controls mold, mildew, fungus and bacteria

Kills bacteria

Kills bacteria commonly found in the (kitchen<sup>‡</sup>) (and) (bathroom)

Kills [Effective against] cold and flu virus<sup>®</sup> [on hard, non-porous surfaces]

Kills Fungi, Mildew, Bacteria, \*Viruses, †Mycobacteria (in 60 seconds!)

Kills germs

Kills germs while it cleans

Kills household bacteria

Kills (household) bacteria (and sanitizes)

Kills kitchen<sup>‡</sup> and bathroom bacteria

Kills mold and mildew [when used as directed] [on roofs<sup>±</sup>]

Kills odor-causing bacteria

Kills odor-causing (household) bacteria

Kills (Destroys) (Eliminates) germs

Kills (Destroys) (Eliminates) germs while it cleans

Kills (Eliminates) odor-causing bacteria in the (kitchen<sup>‡</sup>) (bathroom) (restroom) (all around the house)

Kills (kitchen<sup>‡</sup>) (bathroom) (household) germs

Kills bacteria commonly found in kitchens<sup>‡</sup> (in 1 minute)

Kills bacteria and \*viruses on hard, non-porous (kitchen<sup>‡</sup>) (bathroom) (restroom) (household) surfaces in 1 minute

Leaves [a fresh, clean scent] [no [dull] [sticky] residue].

Leaves [office] [washroom] [restroom] smelling clean with a clean fresh scent

Leaves surfaces virtually streak-free

Leaves your [home] [house] [washroom] [restroom] smelling clean with a clean fresh scent

Leaves your kitchen<sup>‡</sup> and bathroom with a fresh, clean scent

Lowest EPA toxicity category in all 6 toxicity studies

Mildewstat

Meets USP (<1072>) Standards for Disinfectants

Mold & Mildewcide

Mold & Mildew Eliminator

Mold & Mildew Stain Remover

Neutralizes musty odors

Neutralizes tough odors from smoke

No Fragrance added {only for non-fragranced CSFs}

No harsh [chemical] fumes

No streaking [filming] [sticky residue]

Non-tainting, leaves no unsightly residues

[No rinse required]. No streaking [or filming] formula

Non-corrosive [to eyes] [and] [skin]

No mixing, measuring or rinsing required

Not a skin [Dermal] sensitizer [non-sensitizer]

Odor Control

OSHA Bloodborne Pathogen Standard Compliance

\*Parvocidal

Phenol free

Powerful cleaning

Powers away though stains [stuck on dirt]

Powerful bubbles blast away [dried] [stuck on] dirt [grime] [food] [spills] [grease] [greasy messes]

Powerful odor control [odor neutralizer] [deodorizer] [odor-counteractant] formula [on hard non-porous surfaces]

Phenol free [No phenols]

Prevents mold & mildew

Primary Skin Irritation Category IV

Primary Eye Irritation Category IV

§Pseudomonacidal

Quat free

Quaternary Ammonium Compound Free [No Quaternary Ammonium Compounds]

Quickly [eliminates] [removes] [food] odors

Removes [the most common] [household] allergens [around your home] [around your kitchen<sup>‡</sup>] [around your bathroom] [on your floors]<sup>++</sup>

{Note: the sentence above will be used with this claim qualifier}: \*\*This product [or product name] removes the following [non-living] allergens: [cat dander], [cockroach matter], [cockroach debris], [dog dander], [dust mite debris], [pet dander], [pollen particles]

Removes (lipds) (fats) (proteins) {insert one or more soils from table 8: Institutional soils}

Sanitizes in 10 seconds!

Smell of clean [is no smell]

Specially designed to dissolve [penetrate] the toughest [stubborn] soils

Suitable for everyday use

Surface cleaner (with antibacterial formula)

Suitable for use on floors, equipment, cages and kennels, when used as directed

(Stain) (Mold) (Mildew) (Remover), (Cleaner), (Disinfectant)

Step-saving, Labor-saving, Time-saving, Cost-saving formula

This product may be used as a cleaner and deodorizer, or for water/flood clean up, sewage backflow cleaning, and trauma scene cleaning

This product cleans, deodorizes, and controls the growth of damage and odor-causing bacteria

This product inhibits the growth of damage and odor-causing bacteria and fungi on treated articles and surfaces, such as construction materials<sup>±</sup>.

This product is used to protect treated articles from decay, mold or mildew.

This product inhibits bacterial growth on moist surfaces and deodorizes by killing microorganisms that cause offensive odors.

This product inhibits the growth of mold and mildew and their odors when used as directed.

This product kills mold and mildew when used as directed.

To clean, kill and prevent mold and mildew

To be used in sanitizing and disinfecting of hard, non-porous non-food surfaces and non-critical equipment which may harbor or spread germs

[Tough on germs.] [Easy on you.]

Use only one product to get a streak-free shine plus antimicrobial action

Use this product [or product name] throughout your home to clean [beverage stains] [dirt] [food stains] [grime] [pet stains] [soap scum]

[Uses] [harnesses] the cleaning power of hydrogen peroxide

Use only one product to get a streak-free shine plus antimicrobial action

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Versatile, Fast-acting, Convenient formula Will not leave grit or soap scum

Works faster and stays wet on surfaces longer

{Kitchen Qualifier}:

<sup>‡</sup>Non-Food contact surfaces

{Disinfection claim qualifier}:

\*\*Kills [Eliminates][Destroys][Effective against](99.9% of) {insert one or more antibiotic resistant bacteria from Table 1: Bactericidal Claims}

{Soft surface qualifier}:

<sup>T</sup> composed of cotton or polyester

{Pseudomonacidal § qualifier}

§Pseudomonas aeruginosa

§*Pseudomonas aeruginosa* – (Metallo-beta lactamase (MBL) positive)

(Cold and flu Viruses Qualifier):

∞Parainfluenza Virus Type 3 [(ATCC VR-93)]

∞Respiratory Syncytial Virus (RSV) [(ATCC VR-26)]

∞Rhinovirus Type-37 [(ATCC VR-1147)]

∞Human Coronavirus [(ATCC VR-740)]

∞Influenza A Virus (Hong Kong Strain) [(ATCC VR-544)]

∞Influenza B Virus [(ATCC VR-823)]

∞Pandemic Influenza A Virus H1N1

{Note: the following section on summery of claims is optional and might be inserted in a band at the bottom of the label}

\*VIRUCIDAL: 30 SECONDS

ANIMAL PREMISES \*VIRUCIDAL: 1 MINUTE

**BACTERICIDAL: 1 MINUTE** 

[BROAD-SPECTRUM] NON-FOOD CONTACT SANITIZER: 10 SECONDS

SOFT SURFACE SANITIZATION: 30 SECONDS

**FUNGICIDAL: 30 SECONDS** 

{Note to the reviewer: the following short claims might be inserted on the container label only for the period of 6 months after the launch}

[Better] [Improved] [New] [New and improved] [formula] [packaging]

[New and improved]

[New Claims]

[New Claims and Faster Contact Times]

[New Kill Claims]

[New Claims - Kills TB<sup>†</sup> in 1 Minute]

[New - Saves Time]

[New] - [Kills TB<sup>†</sup> in 1 Minute]

TB<sup>†</sup> stands for BCG [Mycobacterium bovis] [Tuberculocidal [BCG]]

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#### (FEATURES, CLAIMS & USES:)

[Notice to User: This product {or product name} may not be suitable for all items or surfaces. Prolonged exposure to copper, brass, anodized aluminum and some coatings should be avoided. If you are uncertain as to the material composition of your item, confirm with the manufacturer before proceeding [or visit the Compatibility section on www.virox.com for a listing of compatible materials.]]

#### (For General Uses – Medical and Dental)

For Use in Health Care, [Dental], [Medical] [Facilities] and [Hospitals][ Nursing Homes][clinics] {or insert any of the Medical/Dental Institutional Use sites from table 11}

This product [or product name] is a one-step (hospital-use) germicidal (disinfectant) cleaner and deodorant (deodorizer) (odor-counteractant) (odor neutralizer) designed for general cleaning, (and) disinfecting, (deodorizing) (of) hard, non-porous environmental surfaces.

It cleans quickly by removing {insert any soil from table 8} found in {insert any of the Medical/Dental Institutional Use sites from table 11}.

This product [or product name] is designed for use on hard, non-porous environmental surfaces: {insert any surface material from table 9} associated with [high] hand touch environmental surfaces [floors], [walls], [ceilings] – {or insert any Medical/Dental hard non-porous surface from table 10} – or – any hard non-porous washable (non-food contact) surface where disinfection is required. (This product's non-dulling formula eliminates the time and labor normally required for rinsing). (It (also) reduces odor-causing bacteria leaving surfaces smelling clean and fresh).

#### (For Veterinary Use) (For Farm and Barn Use)

For Use in Veterinary clinics, [Animal] [Premises] [facilities] [such] [as] [Pet shops], and [Animal [Life Science] Laboratories] [Animal Housing] [Animal Quarters & Kennels] {or insert any of the Animal Premises Institutional Use sites from table 11}

This product [or product name] is a one-step germicidal [disinfectant] [cleaner] [and] [deodorant] [deodorizer] [odor-counteractant] [odor neutralizer] designed for general cleaning, (and) disinfecting, (deodorizing) (of) hard, non-porous environmental surfaces.

It cleans quickly by removing {use any soil from table 8} found in [Animal] [Premises] [facilities] [such] [as] {insert any of the Animal Premises Institutional Use sites from table 11}.

This product [or product name] is designed for use on hard, non-porous environmental surfaces: {insert any surface material from table 9} associated with [high] [hand] touch environmental surfaces, [floors], [walls], [ceilings] – {or insert any Veterinary hard non-porous surface from table 10} – or – any hard non-porous washable (non-food contact) surface where disinfection is required. (This product's non-dulling formula eliminates the time and labor normally required for rinsing). (It (also) reduces odor-causing bacteria leaving surfaces smelling clean and fresh).

(For Miscellaneous Use)

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For Use [in] [on] [at] [Public areas], [Retail Businesses], [Office Buildings], [Educational Institutions], [Public Transportation System], [Transportation Terminals], [Lodging Establishments], [Athlete/Recreational Facilities], [Non-food handling areas of Food Services Establishments/Restaurants] and [Manufacturing facilities] [such as] {or insert any of the Miscellaneous Institutional Use site from table 11}

This product [or product name] is a one-step germicidal [disinfectant] [cleaner] [and] [deodorant] [deodorizer] [odor-counteractant] [odor neutralizer] designed for general cleaning, (and) disinfecting, (deodorizing) (of) hard, non-porous environmental surfaces.

It cleans quickly by removing {insert any soil from table 8} found in {insert any of the Miscellaneous Institutional Use site from table 11}.

This product [or product name] is designed for use on hard, non-porous environmental surfaces: {insert any surface material from table 9} associated with [high] [hand] touch environmental surfaces, [floors], [walls], [ceilings] – {or insert any Miscellaneous hard non-porous surface from table 10} – or – any hard non-porous washable (non-food contact) surface where disinfection is required. (This product's non-dulling formula eliminates the time and labor normally required for rinsing). (It (also) reduces odor-causing bacteria leaving surfaces smelling clean and fresh).

## (For Use in Spas, Salons & Clinics)

(Footbaths (pedicure foot spa equipment) in Health clubs, spas, tanning salons, tanning spas, hair/nail/pedicure salons, barber/beauty shops, salons, tattoo parlors:)

This product [or product name] is a one-step (hospital-use) (germicidal) disinfectant cleaner, (\*virucide) (and) (deodorant) (odor-counteractant) (odor neutralizer) designed for cleaning, (and) disinfecting, (and) (deodorizing) (on) (of) hard, non-porous footbath surfaces. It cleans quickly by removing body oils, dead tissue, soil and all other buildups or organic matter (found) on (hard non-porous (inanimate) (environmental)) footbath surfaces.

This product (or Product Name) (is) (are) designed for cleaning and disinfection of hard non-porous surfaces in (beauty salons), (tanning facilities), (spas), (nail salons), (tattoo parlors), (barbershops), (and) (hairstyling establishments) (clinics). It cleans by removing body oils, dead tissue, soil and all other buildups or organic matter found on hard nonporous surfaces (or footbaths).

It is designed for use on (Use daily on) (hard, non-porous environmental (inanimate) (surfaces) (such as) (of) footbaths (pedicure foot spa equipment) (and) (esthetic tools and equipment).

# [For Use on] [Disinfection of] Surfaces in (Pharmaceutical) (and) (Cosmetic) Processing Facilities:

This product [or product name] is recommended for use on hard, non-porous environmental surfaces such as floors, walls and processing equipment in (pharmaceutical) (and) (cosmetic) processing facilities.

[For Use in] Mold & Mildew Remediation & Restoration:

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This product is ideal for use as a cleaner, disinfectant and deodorizer in mold and mildew remediation sites, professional restoration sites, sewage backflow sites, water and flood damage sites, trauma, crime scene and fire clean up. This product was designed to leave surfaces clean and odor free.

#### Water / Flood Damage

This product kills the growth of mold and mildew, fungi, and bacteria, and the odors caused by them on hard, non-porous environmental surfaces as a result of water and flood damage.

#### Sewage Backflow

This product is a broad-spectrum cleaner disinfectant that kills pathogens and odor causing organisms left from raw sewage and black water contamination.

#### Trauma, Crime Scene, and Fire Clean Up

OSHA Bloodborne Pathogen Standard Compliance. This product effectively cleans and disinfects surfaces and equipment that come into contact with blood and other potentially infectious materials (OPIM) containing pathogenic organisms, which cause infection and disease in humans.

#### Carpet Cleaning & Deodorizing

This product was designed to be an effective cleaner by removing soils, grime and other deep down, stubborn dirt for easy removal or extraction.

#### Equipment and PPE Disinfection(Non-Critical Devices)

To prevent cross contamination between treated surfaces, this product is effective for cleaning and disinfecting reusable person protective equipment (PPE), gear, tools, and restoration equipment after removal from containment areas.

#### [HVAC]

[This product is suitable for HVAC applications including [coils and] drain pans of HVAC/R equipment, air conditioning and refrigeration equipment and heat pumps. ]

[For Use in (Laboratory Settings) (and) (Alternate Care Clinics)] This product is ideal for use as a cleaner and disinfectant in Laboratory Settings such as (Life Sciences), (CAT Laboratories), (Pharmacies), (Animal Life Science Laboratories), (Vivariums), (Cleanrooms), (Critical Environments), (GMP facilities), (Compound pharmacy labs), (Biopharmaceutical), (Medical device facilities), and (FDA regulated sites). (Well below OSHA hydrogen peroxide permissible exposure limit of 1ppm)

This product is ideal for use as a cleaner and disinfectant in Alternate Care Settings, Clinics & Offices such as (Sleep Therapy), (Respiratory Therapy), (Ophthalmic), (Massage), Chiropractic), (Acupuncture), (Naturopathic), (Homeopathic), (Home Healthcare), (Otolaryngology (ear, nose and throat)), (podiatry), (foot care nursing), (midwifery). This product can also be used in (Emergency Care) (EMS) (Fire / Police / Ambulance), (Transportation Facilities) and (Airports).

This product is a one-step germicidal disinfectant cleaner and odor neutralizer designed for cleaning and disinfecting of hard, non-porous environmental surfaces. This product cleans by removing dirt, grime, food

residue, dead skin, blood, biological waste (feces, urine, etc), and other organic matter commonly found on surfaces. This product was designed to leave surfaces clean, disinfected and odor free.

This product cleans, disinfects, and deodorizes hard, nonporous environmental surfaces in one step. Its non-abrasive formula is designed for use on the following non-porous environmental surfaces: {insert any surface material from table 9} associated with floors, walls, ceilings, tables, chairs, countertops, telephones, fixtures, (fume hoods), (vivariums), (cages), (carts), (workstations), and (sinks), including those found in (laboratory settings).

## [For] [Residential Use][Home][Household]

This product [or product name] is an effective [cleaner] [disinfectant] [sanitizer] on non-food contact surfaces in [around] [Residential], [Household], [Homecare], [Daycare centers], [Nursing homes] [settings].

This product [or product name] is a[n] [Antibacterial][Multi-Purpose][Bathroom][Floor][Glass & Surface] [Kitchen<sup>‡</sup>] [Restroom] [Cleaner] [Cleaning] [Disinfectant] [Disinfecting] [Sanitizer]. This product is for use [in] [on] [the] {insert any residential/household use sites from table 15} [common hard non-porous household surfaces].

For everyday cleaning [and disinfecting] [use daily to clean [and disinfect]] [on] hard, non-porous surfaces [where germs are a concern] [made from] {insert any surface material from table 13} associated with kitchen<sup>‡</sup> surfaces, [high] [hand] touch surfaces, {or – insert any of the hard non-porous surfaces listed in table 14} and other hard [non-food contact] surfaces around the house [hold] [home]. [Not recommended for use on brass], [polished wood], [granite], [marble], [and] [leather].

# {Claims against Emerging Viral Pathogens}

This product qualifies for emerging viral pathogen claims per the EPA's 'Guidance to Registrants: Process for Making Claims Against Emerging Viral Pathogens not on EPA-Registered Disinfectant Labels' when used in accordance with the appropriate use directions indicated below.

This product meets the criteria to make claims against certain emerging viral pathogens from the following viral category[ies]:

- -Enveloped Viruses
- -Large, Non-enveloped viruses
- -Small, Non-enveloped viruses

For an emerging viral pathogen that is a/an	follow the directions for use for the following	
	organisms on the label:	
Enveloped virus	Poliovirus Type 1 (Strain Chat)	
Large non-enveloped virus	Poliovirus Type 1 (Strain Chat)	

The following are examples of additional Terms of Registration that EPA anticipates resulting from a request to amend a registration for the reasons addressed in EPA's 2016 Guidance to Registrants: Process for Making Claims against Emerging Viral Pathogens Not on EPA Registered Disinfectant Labels:

The statements shall be made only through the following communications outlets: technical literature distributed exclusively to health care facilities, physicians, nurses and public health officials, "1-800" consumer information services, social media sites and company websites (non-label related). These statements shall not appear on marketed (final print) product labels.

#### Acceptable claim language:

[Product name] has demonstrated effectiveness against viruses similar to [name of emerging virus] on hard, [porous and/or non-porous surfaces]. Therefore, [product name] can be used against [name of emerging virus] when used in accordance with the directions for use against Poliovirus type 1 on [hard, porous/non-porous surfaces]. Refer to the [CDC or OIE] website at [pathogen-specific website address] for additional information.

 $\{OR\}$ 

[Name of illness/outbreak] is caused by [name of emerging virus]. [Product name] kills similar viruses and therefore can be used against [name of emerging virus] when used in accordance with the directions for use against Poliovirus type 1 on [hard, porous/non-porous surfaces]. Refer to the [CDC or OIE] website at [website address] for additional information.

## {Soft Surface Sanitization claims}

For use on [hard to launder] soft surfaces <sup>T</sup> {-or- insert any soft surfaces from table 16} found in [Hospitals], [nursing homes], [healthcare facilities], [Dental offices], [medical offices], [and] [household].

## {Soft Surface Sanitization short claims}

- A proven sanitizer on soft surfaces<sup>T</sup>
- An effective soft surface<sup>T</sup> sanitizer
- Great for use on soft surfaces<sup>T</sup> such as {insert soft surfaces from table 16}
- Kills microorganisms on [hospital] soft surfaces<sup>T</sup> -or- fabric<sup>T</sup> -or-{insert soft surfaces from table 16}
- \$\displaysquare \text{\psi} \text{Kills 99.9% of [Enterobacter aerogenes [ATCC 13408]] [and][Staphylococcus aureus [ATCC 6538]] on (insert usage surface)
- One-step cleaner sanitizer on soft surfaces<sup>T</sup>
- Removes –and/or- Eliminates odors by killing odor-causing bacteria on [soft surfaces<sup>T</sup>] [fabrics<sup>T</sup>] [-or-insert soft surfaces from table 16]
- Sanitizes by killing Enterobacter aerogenes and Staphylococcus aureus on soft surfaces<sup>T</sup> in 1 minute
- Sanitizes fabric<sup>T</sup> -or- soft surfaces<sup>T</sup> -or- {insert soft surfaces from table 16}
- Sanitizes soft surfaces<sup>T</sup> in one step
- Sanitizes soft surfaces<sup>T</sup> [in 1 minute]
- Soft surface<sup>T</sup> -or- fabric<sup>T</sup> sanitizer
- Use on [insert soft surfaces from table 16] [and other soft surfaces<sup>T</sup>]

{Soft surface qualifier}:

<sup>T</sup> composed of cotton or polyester

<u>Claims</u> [See Reference sheet for a complete list of [pathogenic]organisms][this product {or product name} is effective against] [A powerful disinfectant effective against]:

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{*Note to reviewer: ATCC numbers are optional and might not appear on the final label*}

## BACTERICIDAL [Kills] [Effective Against] [Bacteria] [in 1 minute] [against]:

{Table 1: Bactericidal Claims}

Tuble 1. Bucierician Claims	
[Bacteria][Bactericidal] (Activity)	Contact Time
Acinetobacter baumannii (^Multi-Drug Resistant (MDR)) (ATCC 19606)	1 minute
Bordetella bronchiseptica [ATCC 10580]	1 minute
Bordetella pertussis [ATCC 12743]	1 minute
Burkholderia cepacia [ATCC 25416]	1 minute
Chlamydia psittaci (Strain 6 BC) [ATCC VR-125]	1 minute
Enterobacter aerogenes [ATCC 13048]	1 minute
Enterobacter cloacae (New Delhi metallo-β-lactamase 1 [positive][producing] (NDM 1))	1 minute
[CDC 1000654]	
Enterococcus faecalis (Vancomycin Resistant (VRE)) [ATCC 51575]	1 minute
Enterococcus faecium [ATCC 51559]	1 minute
Escherichia coli [ATCC 11229]	1 minute
Escherichia coli O157:H7 [ATCC 35150]	1 minute
Escherichia coli (Extended Spectrum Beta-lactamase (ESBL) [producing][positive])	1 minute
[ATCC BAA-196]	
Escherichia coli (New Delhi metallo-β-lactamase 1(NDM-1) [producing][positive])	1 minute
[CDC 1001728]	
Klebsiella pneumoniae [ATCC 4352]	1 minute
Klebsiella pneumoniae (Carbapenem Resistant (CRE))[ATCC BAA 1705]	1 minute
Klebsiella pneumoniae (Extended Spectrum Beta-lactamase (ESBL)	1 minute
[producing][positive]) [ATCC700603]	
Klebsiella pneumoniae (New Delhi metallo-β-lactamase 1 (NDM-1) [positive]) [CDC	1 minute
1000527]	
Legionella pneumophila [ATCC 33153]	1 minute
Listeria monocytogenes [ATCC 19117]	1 minute
Pasteurella multocida [ATCC 12947]	1 minute
Pseudomonas aeruginosa [ATCC 15442]	1 minute
Pseudomonas aeruginosa (Metallo-beta lactamase (MBL) positive (CDC 2012059))	1 minute
Salmonella enterica (formerly known as Salmonella choleraesuis) [ATCC 10708]	1 minute
Serratia marcescens [ATCC 14756]	1 minute
Shigella dysenteriae [ATCC 11835]	1 minute
Staphylococcus aureus [ATCC 6538]	1 minute
Staphylococcus aureus [Community Acquired Methicillin Resistant Genotype USA 400	1 minute
(CA-MRSA 400)]	
Staphylococcus aureus (Methicillin Resistant (MRSA)) [ATCC 33592]	1 minute
Staphylococcus aureus (Vancomycin Intermediate Resistant (VISA)) [HIP 5836]	1 minute
Staphylococcus aureus (Vancomycin Resistant (VRSA)) [VRS1]	1 minute
Staphylococcus epidermidis (Methicillin Resistant (MRSE)) [ATCC 51625]	1 minute
Staphylococcus pseudintermedius [ATCC 49444]	1 minute
Stenotrophomonas (Pseudomonas) maltophilia [ATCC 25596]	1 minute
, , , , , , , , , , , , , , , , , , ,	1

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treptococcus pyogenes [ATCC19615]	1 minute
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[commonly found] [on hard non-porous inanimate surfaces] [in {insert one or more use site from table 10}] [using approved AOAC test methods] [under Good Laboratory Practices, [GLP's]],[in the presence of 5% serum load] [and] [at] a 1 minute contact time [in 1 minute].

(Bactericidal Activity was determined using the AOAC Germicidal Spray Test Method)

#### TUBERCULOCIDAL [Kills] [Effective Against] [Mycobacteria] [in 1 minute] [against]:

{Table 2: Tuberculocidal Claims}

()	
[Mycobacteria][Tuberculocidal] (Activity):	Contact Time
†Mycobacterium bovis (BCG)	1 minute

[using approved AOAC test methods] [under Good Laboratory Practices, [GLP's]],[in the presence of 5% serum load] [and] [at] a 1 minute contact time [in 1 minute].

# \*VIRUCIDAL [Kills] [(is) Effective Against] [enveloped and non-enveloped] [\*Viruses] [in 30 seconds, unless otherwise noted]:

{Note to reviewer: if viruses are NOT listed under the \*Virus heading, then each individual virus will be qualified by an \*}

{Table 3: \*Virucidal Claims}

[Tuble 5. Viructual Claims]	
[*Viruses][*Virucidal] (Activity):	Contact Time
Adenovirus Type 8 [ATCC VR- <u>1368</u> <del>1815</del> ]	30 seconds
Avian Influenza A Virus (H7N9)	30 seconds
Avian Influenza A Virus (H3N2)	30 seconds
Cytomegalovirus [ATCC VR-538]	30 seconds
Feline Calicivirus [ATCC VR-782]	30 seconds
Human Hepatitis B Virus (HBV) (Duck Hepatitis B Virus as the surrogate)	30 seconds
Human Hepatitis C Virus (HCV) (Bovine Viral Diarrhea Virus as the surrogate)	30 seconds
Herpes Simplex Virus Type 1 [ATCC VR-733]	30 seconds
Herpes Simplex Virus Type 2 [ATCC VR-734]	30 seconds
HIV Type 1 Strain HTLV III <sub>B</sub>	30 seconds
Human Corona Virus [ATCC VR-740]	30 seconds
Influenza A Virus, (Hong Kong Strain) [ATCC VR-544]	30 seconds
Influenza B Virus [ATCC VR-823]	30 seconds
Norovirus (Feline Calicivirus as the surrogate)	30 seconds
Pandemic Influenza A Virus H1N1	30 seconds
Parainfluenza Virus Type 3 [ATCC VR-93]	30 seconds
Poliovirus Type 1(Strain Chat) [ATCC VR-1562]	30 seconds
Respiratory Syncytial Virus (RSV) [ATCC VR-26]	30 seconds

<sup>(</sup>Ampicillin, Cefazolin, Cefepime, Gentamicin, Ertapenem, and Trimethoprim/Sulfa)

Rhinovirus Type 37 [ATCC VR-1147]	30 seconds
Rotavirus (WA strain)	30 seconds
Vaccinia Virus [ATCC VR-119]	30 seconds

[using approved ASTM test methods] [under Good Laboratory Practices, [GLP's]], [in the presence of 5% serum load] [and] [in] 30 seconds [contact time].

# Kills [(is) Effective Against] [Following] [Veterinary\*Viruses] [Animal premises \*Viruses] [Animal premises\*Virucidal Activity] [in 1 Minute, unless otherwise noted]

{OR}

# \*VIRUCIDAL [Kills] [(is) Effective Against] [enveloped and non-enveloped] [\*Viruses] [in 30 seconds, unless otherwise noted]:

{Table 4: Animal \*Virucidal Claims}

Contact Time
1 minute
30 seconds
1 minute
1 minute
30 seconds
1 minute
30 seconds
30 seconds
1 minute
1 minute
1 minute
3 minutes
1 minute
1 minute
1 minute
30 seconds
1 minute

{Note to reviewer: if viruses are NOT listed under the \*virucidal or \*virus heading then each individual virus will be qualified by an \*}

{Note to reviewer: We will choose one or more of these statements depending on available space on the product label.}

- Respiratory illnesses attributable to Pandemic 2009 H1N1 are caused by Influenza A virus. This product (or product name) is a broad-spectrum hard surface disinfectant that has been shown to be effective against Influenza Type A2 (Hong Kong), (VR-544), and is expected to inactivate all Influenza A viruses including Pandemic 2009 H1N1 (formerly called swine flu).
- This product has demonstrated effectiveness against Influenza A virus and is expected to inactivate all Influenza A viruses including Pandemic 2009 H1N1 Influenza A virus.
- This product has demonstrated effectiveness against Influenza Type A2 (Hong Kong), (VR-544), and is expected to inactivate all Influenza A viruses including Pandemic 2009 H1N1 (formerly called swine flu).
- Kills Pandemic 2009 H1N1 Influenza A virus (formerly called swine flu).
- Kills Pandemic 2009 H1N1 Influenza A virus.

#### [BROAD-SPECTRUM] NON-FOOD CONTACT SANITIZER [in 10 seconds] against:

{Table 5: Non-Food Contact Sanitizer Claims }

[Sanitizing][Non-Food Contact Surface Sanitizer]	Contact Time
Staphylococcus aureus [ATCC 6538]	10 seconds
Enterobacter aerogenes [ATCC 13048]	10 seconds
Acinetobacter baumannii [ATCC 19606]	10 seconds
Listeria monocytogenes [ATCC 19117]	10 seconds
Campylobacter jejuni [ATCC 29428]	10 seconds
Salmonella enterica (formerly known as Salmonella choleraesuis) [ATCC 10708]	10 seconds
Pseudomonas aeruginosa [ATCC 15442]	10 seconds
Escherichia coli O157:H7 [ATCC 35150]	10 seconds
Enterococcus Faecalis (Vancomycin Resistant (VRE)) [ATCC 51575]	10 seconds
Staphylococcus aureus (Methicillin Resistant (MRSA)) [ATCC 33592]	10 seconds
Staphylococcus aureus [ATCC 6538]	<del>10 seconds</del>

#### FUNGICIDAL [Kills] [Effective Against] [FUNGI] [in 30 seconds, unless otherwise noted] [against]:

{Table 6: Fungicidal Claims}

[Fungi] [Fungicidal] (Activity):	Contact Time
Trichophyton interdigitale mentagrophytes (formerly known as Trichophton	30 seconds
mentagrophytes) [(Athlete's Foot)][ATCC 9533]	
Candida albicans [ATCC 10231]	1 minute
Microsporum canis [ATCC 10214]	1 minute

#### <sup>6</sup>SOFT SURFACE SANITIZATION [against the following organisms] in 30 seconds:

{Table 7: Soft Surface Sanitizing Claims}

(Tuble 1. Soft Surjuice Schillisting Claums)	
[\$\daggerightarrow\$ Sanitizing] [Activity]:	Contact Time
Staphylococcus aureus [ATCC 6538]	30 seconds
Enterobacter aerogenes [ATCC 13048]	30 seconds
Staphylococcus aureus (Methicillin Resistant (MRSA)) [ATCC 33592]	30 seconds
Enterococcus faecalis (Vancomycin Resistant (VRE)) [ATCC 51575]	30 seconds

**Mold/Mildew (Mildewcidal Activity)** - kills the growth of mold and mildew (at a 4 minute contact time): (Aspergillus brasiliensis (formerly known as Aspergillus niger) (ATCC 16404)) (and the odors caused by them) when applied to hard, non-porous environmental surfaces.

Aspergillus brasiliensis	4 Minutes
--------------------------	-----------

Mold/Mildew (Mildewstatic Activity) - controls and prevents the growth of mold and mildew (at a 4 minute contact time): (Aspergillus brasiliensis (formerly known as Aspergillus niger)) (and the odors caused by them) when applied to hard, non-porous environmental surfaces.

Aspergillus brasiliensis	4 Minutes
--------------------------	-----------

 $\{OR\}$ 

## [CLAIMS] [ORGANISMS]:

#### [Bacteria] [Bactericidal]:

Kills {insert one or more bacteria from table 1} on hard, non-porous [kitchen<sup>‡</sup>] [bathroom] [restroom] [household] surfaces in 1 minute.

[Tuberculocidal] in the presence of 5% serum load and 1 minute contact time at 20°C on hard, non-porous environmental surfaces Mycobacterium bovis (BCG) (Organon Teknika, Durham, NC) Tuberculocidal activity was determined by the AOAC Tuberculocidal Activity of Disinfectant spray Products

Malodor[s] [Activity] [Counteractancy] – eliminates [destroys] odors and odor-causing bacteria on hard, nonporous surfaces in restroom areas, behind and under sinks and counters, and storage areas [and other places where bacterial growth can cause malodors].

#### [Fungicidal]:

Kills {insert one or more fungi from table 6} on hard, non-porous [kitchen<sup>‡</sup>] [bathroom] [restroom] [household] surfaces in 30 seconds, unless otherwise noted.

Non-Food Contact Surface Sanitizer for hard non-porous surfaces – [in the presence of 5% serum load] [and] [in] 10 seconds [contact time] [on hard, non-porous environmental surfaces]: {insert one or more organism *from table 5*}

Soft surface sanitizer: Kills *[insert one or more organisms from table 7]* on [household] surfaces in 30 seconds

#### **DIRECTIONS FOR USE:**

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

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<sup>\*[</sup>Viruses] [\*Virucidal]:

<sup>\*</sup>Kills {insert one or more virus from table 3} when used as directed on hard, non-porous inanimate [kitchen<sup>‡</sup>] [bathroom] [restroom] [household] surfaces in 30 seconds, unless otherwise noted.

{Note to reviewer: The following paragraph will be used on labels that list medical devices as defined by the FDA.}

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 blood stream 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 may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

{Packaging Related Statement – Appropriate language will be selected from this list, depending on packaging.} {For bottles with induction seal}

Unscrew cap, remove induction seal and place the [trigger] [sprayer] on the bottle.

# {For bottles with sprayer} {Operating Trigger}

To Operate:

Open hinged cover of sprayer and snap into opening on top. -or- Turn nozzle [counterclockwise] to "spray" -or- "stream" [setting], -or- Adjust [nozzle] to desired pattern.

#### {For containers with top pump dispensing mechanism}

To Open: [To Operate:] [To Unlock:] Twist [rotate][top][pump][head][counter] clockwise.

To Close: [To Lock:] [Twist][rotate][pump][head][counter][clockwise]

#### {Optional Directions for Product Supplied in Refill and Refillable Bottles :}

Refill only with this product.

To Refill [Spray Bottles]:

[Remove:]

Remove trigger sprayer from empty bottle.

[Pour:]

Unscrew cap [and remove induction seal] on refill and pour contents directly into empty bottle. Use a funnel to minimize product spills –or- waste. Pour product into spray bottle over sink or tub basin.

[Use:]

Replace trigger sprayer and use as you normally would.

- -or- Unscrew cap and transfer your trigger to this bottle,
- -or- Replace cap and use as you normally would.

#### {Refill}

[To Transfer This Product (or product name) Into Smaller Containers:] {32 oz. or less}:

[This product (or product name) may be transferred into clean, properly labeled containers for use elsewhere within your facility.] The small container and transfer items (funnels or hand pumps) must be clean and dry. Pour (or pump) product directly into a properly labeled smaller container being careful not to spill any product. Place sprayer back on the bottle. Refill in a well ventilated area.

{General Cleaner/Deodorizer Uses}

For Use as a Cleaner:

General [Kitchen<sup>‡</sup>/Bathroom/Household] Cleaning:

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[Remove cooking ingredients and cooked food from areas to be cleaned.] Spray product directly onto soils and wipe clean. [Rinse food contact surfaces with potable water].

{-or-}

Directly spray [this product] [-or- product name] to completely wet surface and wipe clean. No rinsing needed. [Rinse food contact surfaces with potable water]. Repeat for heavily soiled areas. For stubborn stains or heavily soiled areas or tougher jobs, allow product to penetrate [dirt] before wiping.

*{-or- for containers with top pump dispensing mechanism}* 

Apply [product] on wipe [dish rag][sponge][paper towel] by pumping [pushing][dabbing][tapping]down on top of the unit once [twice][three] [a few] [several][times]. Wipe surface [clean]. [Rinse food contact surfaces with potable water].

#### To Clean/Remove Soap Scum:

Spray product onto soils and wipe clean [with a dry paper towel or lint-free cloth or sponge].

{-or-}

[Just] spray on and wipe off [with a dry paper towel or lint-free cloth or microfiber cloth or sponge]. No rinsing necessary. [For best results, use a dry paper towel or lint-free cloth or microfiber cloth or sponge]. Repeat for heavily soiled areas. For stubborn stains or heavily soiled areas or tougher jobs, allow product to penetrate [dirt -and/or- soap scum] before wiping. [For best results, use regularly to prevent dirt and soap scum build up].

#### To Clean [Nonporous] Surfaces [and] [or] [small areas of] [Floors]:

Spray soiled area, then wipe clean.

#### For spot cleaning:

Spray and wipe clean with damp sponge –or- mop or cloth.

#### For carpet spot cleaning:

[From a distance of 6-8 inches] Spray a light even coating on soiled area of the carpet until damp. Gently blot area with a clean, damp, color-safe cloth. Repeat as needed (for stubborn stains). Let air dry. Vacuum.

#### {Deodorization}

#### To Clean and Deodorize Toilets:

To clean and deodorize toilet bowl, spray on toilet sides and upper toilet bowl rim. Swab {-or-} brush all surfaces and flush.

{or}

#### To Deodorize:

Spray product directly onto [non-porous surfaces] {or} [Spray 6-8 inches from the surface] until completely wet. Let stand for [1 minutes] [contact time listed [below] [or] [on label]] [to kill odor causing [bacteria]

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[microorganisms] [organisms]]. Allow to air dry [or rinse]. For heavily soiled areas, a pre-cleaning is required. [If streaking is observed, wipe with a clean, damp [cloth or] [microfiber cloth or] [paper towel].]

#### For Use as a Cleaner and/or Deodorizer:

Spray 6-8 inches from [hard], [non-porous] [environmental] surfaces [until surface is thoroughly wet]. Allow to air dry [or rinse].

#### For use as sanitizer on Soft Surfaces<sup>T</sup> [Fabrics<sup>T</sup>]:

- 1- Hold bottle upright 6-8 inches from surfaces.
- 2- Spray until 10"x10" fabric area is wet. Do not saturate.
- 3- Let stand for 30 seconds. Allow to air dry
- 4- [For difficult odors or heavy fabrics, repeat application.] [Reapply as necessary].
- 5- [To test for color fastness, locate a small inconspicuous area on your fabric and apply the solution as per the use directions. Once dry evaluate discoloration.]

#### {Allergen Destruction}

To [clean and] destroy specified allergens: [Set trigger to SPRAY.] Spray, wait 1 minute, and wipe excess. [Rinse.] Allow to air dry. [If streaking is observed, wipe with a clean, damp [cloth or] paper towel.]

#### Allergens:

- Cockroach matter -or- particles
- Dust mite matter -or- particles
- Pet dander -or- dog and cat dander

#### {Animal Market Antimicrobial Uses}

Animal Housing Facilities [in] [Veterinary] [Clinics] [Hospitals], [Farm Premises] [Including], [Equine production] [Farm], [Bovine production] [Farm], [Swine] [Farm] [Facilities], [Dairy] [Farm], [Rodent] [Facilities]:

For cleaning and disinfecting the following hard non-porous surfaces: feeding and watering equipment, utensils, instruments, cages, kennels, stables, catteries, etc.

- 1. Remove all animals and feed from premises, animal transportation vehicles, crates, etc.
- 2. Remove all litter, droppings and manure from floors, walls and surfaces of facilities (including barns, pens, stalls and chutes) occupied or traversed by animals.
- 3. Empty (or cover) all troughs, racks, and other feeding and watering appliances.
- 4. Thoroughly clean all surfaces with soap or detergent and rinse with potable water.
- 5. Saturate all surfaces [floors, walls, cages and other washable hard, non-porous environmental surfaces] by spraying with solution until (thoroughly) wet. To disinfect, all surfaces must remain wet for one (1) minute.
- 6. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure.
- 7. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried.
- 8. For disinfection of feed racks, troughs, automatic feeders, fountains and water appliances [waterers] spray with solution [until completely wet] and let stand for one (1) minute. Then thoroughly scrub all treated surfaces with soap or detergent, and rinse with potable water before reuse.

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<sup>¶</sup>Use a 3 minute contact time for Foot and Mouth Disease virus (FMDv) {Note to reviewer: This qualifier will only be used on product labels with a FMDv claim}

#### **Poultry Houses and Poultry Hatcheries:**

For cleaning and disinfecting the following hard non-porous surfaces: feeding and watering equipment, utensils, instruments, cages, kennels, stables, catteries, etc.

- 1. Remove all poultry and feeds from premises, trucks, coops, and crates.
- 2. Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by poultry.
- 3. Empty all troughs, racks, and other feeding and watering appliances.
- 4. Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 5. Saturate all surfaces [floors, walls, cages and other washable hard, non-porous environmental surfaces] by spraying with solution until (thoroughly) wet. To disinfect, all surfaces must remain wet for one (1) minute.
- 6. Ventilate buildings, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried.
- 7. Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.

[NOTE: Not for use on handling and restraining equipment such as leashes, muzzles, halters or ropes, as well as forks, shovels, and scrapers used for removing litter and manure.]

# For Use To Disinfect inanimate environmental surfaces associated with Aquaculture including vehicles, nets, boots, waders, dive suits, hoses, brushes and other similar equipment:

- 1. Remove all feeds from premises or vehicles.
- 2. Remove excess debris
- 3. Saturate all surfaces [of washable hard, non-porous environmental surfaces] by spraying with solution until (thoroughly) wet. To disinfect, all surfaces must remain wet for one (1) minute.
- 4. Rinse the surfaces thoroughly with water.
- 5. Let air dry.

#### For Treatment of Kennels and Cages:

- 1. Remove all animals and feeds from areas being treated.
- 2. Remove all litter and [manure] [feces] [fecal matter] from floors, walls and surfaces of kennels, cages, and other facilities occupied or traversed by animals.
- 3. Empty or cover all racks, [bowls] and other feeding and watering appliances.
- 4. Thoroughly clean all surfaces with this product {or product name} and rinse with water.
- 5. Apply solution to [floors], [walls], cages and other [washable] hard, non-porous environmental surfaces. For smaller surfaces, use a trigger spray bottle to spray all surfaces with solution until wet. To disinfect, all surfaces must remain wet for one (1) minute.
- 6. Immerse all leashes, [collars] and other types of equipment used in handling and restraining animals, as well as [forks], [shovels], and scrapers used for removing [litter] and [manure] [feces] [fecal matter].
- 7. Ventilate buildings and other closed spaces. Do not house animals or re-employ equipment until product has dried.
- 8. For disinfection of feed racks, troughs, automatic feeders, fountains and water appliances [waterers] spray with solution [until completely wet] and let stand for one (1) minute. Then thoroughly scrub all treated surfaces with soap or detergent, and rinse with potable water before reuse.

#### **Emergency Preparedness Program (Animal Health):**

Disinfection helps to control and reduce cross-contamination on treated surfaces of the following organisms: Newcastle Disease Virus, Foot and Mouth Disease Virus, Porcine Reproductive and Respiratory Syndrome Virus, Transmissible Gastroenteritis, Equine Influenza Virus, Equine Herpes Virus (EHV-1), Avian Influenza A virus, Salmonella pullorum, Avian Infectious Bronchitis Virus and Infectious Larvngotracheitis Virus, I [Use solution to clean and disinfect agricultural facilities and equipment, military facilities and equipment; airport facilities and equipment, port facilities and equipment, rail facilities and equipment, and other shipping facilities and equipment where animals or soils suspected of harboring OIE List A organisms may be present.]

- 1. Pre-clean heavily soiled surfaces with this product *for product name*) and rinse with water.
- 2. Apply product *{or product name}*. Use a trigger spray bottle to spray all surfaces with solution until wet.
- 3. Allow product to remain in contact with surfaces for one (1) minute.
- 4. All treated surfaces that will contact feed or drinking water must be thoroughly scrubbed with soap or detergent and then rinsed with potable water before reuse.

#### For Use in Facilities used for Temporary Confinement of Animals:

Use solution to clean and disinfect inanimate surfaces associated with facilities used for the temporary confinement of animals. Sites may include, but are not limited to, barns, sheds, stables, pens, cages, and associated access alleys or walkways. The product *{or product name}* may also be used to clean and disinfect equipment related to the maintenance of animals found at fairs, exhibitions, animal auction yards, animal show/boarding facilities, or other similar agricultural facilities designed for temporary housing of animals.]

- 1. Pre-clean heavily soiled surfaces with this product *{or product name}* and rinse with water.
- 2. Apply product {or product name}. Use a trigger spray bottle to spray all surfaces with solution until
- 3. Allow product {or product name} to remain in contact with surfaces for one (1) minute.

#### {General Antimicrobial Uses}

#### For Use as a One-Step Cleaner/Disinfectant [Product]:

- 1. Pre-clean heavily soiled areas.
- 2. Spray 6-8 inches from surface [until surface is thoroughly wet].
- 3. Allow surface(s) [Allow this product to penetrate and] [to] remain wet for 1 minute.
- 4. [Wipe] [surfaces dry] [or rinse]. [If streaking is observed, wipe with a clean, damp [cloth or] [microfiber cloth or] [paper towel]]. [Allow to air dry]. [Let air dry].

### For Use as a Cleaner/Disinfectant in non-food handling areas of Food Establishments [Food Processing Plants1:

- 1. Pre-clean heavily soiled areas.
- 2. Spray 6-8 inches from surface [until surface is thoroughly wet].
- 3. Allow surface(s) [Allow this product to penetrate and] [to] remain wet for 1 minute.
- 4. Wipe [surfaces dry] [or rinse]. [If streaking is observed, wipe with a clean, damp [cloth or] [microfiber cloth or] [paper towel]].

#### For Use to Clean and Disinfect [Bathtub], [shower stalls] [and] [Other] Large, Open Areas with Floor **Drains:**

1. Pre-clean heavily soiled areas.

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- 2. Spray 6-8 inches from surfaces of floors, walls and ceilings making sure not to over spray. To disinfect, all surfaces must remain wet for one (1) minute.
- 3. [Scrub using a deck brush or other coarse material as necessary].
- 4. Rinse surfaces thoroughly and let air dry.

{*Note: Next sentence is optional language*}

(NOTE: Floors will be slippery when wet or contaminated with foreign materials.)

# To Pre-clean Instruments Prior to Terminal Sterilization/High Level Disinfection [As a pre-cleaning spray]:

- 1. Place instruments into a suitable container
- 2. Spray this product onto instruments to thoroughly wet all surfaces
- 3. Let stand for up to 1 minute
- 4. Rinse instruments
- 5. Follow with an appropriate disinfection process

**Note**: Cleaning of critical and semi-critical devices must be followed by an appropriate terminal sterilization/high-level disinfection process.

#### To Disinfect Non-Critical<sup>4</sup>, Pre-cleaned Instruments:

- 1. Instruments must be thoroughly pre-cleaned to remove excess organic debris, rinsed, and rough dried.
- 2. (Clean and rinse lumens of hollow instruments before spraying with this product).
- 3. Spray all surfaces of instruments with this product {or product name} until thoroughly wet.
- 4. Let stand for 1 minute [at room temperature].
- 5. Wipe with a clean, damp cloth or paper towel and allow to air dry.

**Note**: Cleaning of critical and semi-critical devices must be followed by an appropriate terminal sterilization/high-level disinfection process.

# \*KILLS HIV, HCV and HBV ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS in health care settings (Hospitals, Nursing Homes) and other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood / body fluids, and in which the surfaces / objects likely to be soiled with blood / body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS), Hepatitis C Virus (HCV) or Hepatitis B Virus (HBV).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 (AIDS Virus), HCV OR HBV OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.

Personal Protection: Disposable latex or vinyl gloves, gowns, face masks, and eye coverings, must be worn during all cleaning of body fluids, blood, and decontamination procedures.

Cleaning Procedures: Blood / body fluids must be thoroughly cleaned from surfaces / objects before application of this product [or product name].

Contact Time: Allow surface to remain wet for 30 seconds [to kill HIV-1, HCV and HBV] [use a 1 (one) minute contact time to kill all other organisms cited on label]

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<sup>&</sup>lt;sup>¥</sup>Non-Critical medical devices are items that come in contact only with intact skin.

Disposal of Infectious Material: Cleaning materials used that may contain blood and other body fluids must be autoclaved and disposed of according to Federal, State, and local regulations for infectious waste disposal.

#### For Use as a Disinfectant with (a) (an) [Mechanical Sprayer] [Pressure Sprayer] [Electrostatic Sprayer]:

- 1. Fill tank with solution.
- 2. Pre-clean heavily soiled areas.
- 3. Spray hard, non-porous environmental surfaces, making sure to wet surfaces thoroughly.
- 4. All surfaces must remain wet for 1 minute.
- 5. Let air dry.

{For containers with top pump dispensing mechanism}

#### To Disinfect

Pre-clean surface. Apply to surface until thoroughly wet. [Thoroughly wet surface.] Allow [surface] to remain wet for 1 minute

## For use as a [Non-Food Contact Sanitizer] [Broad spectrum Non-Food Contact Sanitizer]:

For use as a Non-Food Contact Sanitizer: Pre-clean heavily soiled areas. Spray product directly onto [non-porous surfaces] {or} [Spray 6-8 inches from the surface] until completely wet. {-or-} [Directly] apply [solution] [this product] [-or- product name] with trigger sprayer to completely wet [hard] [non-porous] surface. Allow the surface to remain [visibly] wet for 10 for 10 seconds. Wipe surfaces dry [or rinse] [or allow to air dry].

#### To Kill Fungi/Yeast:

Pre-clean heavily soiled areas. Spray product directly onto [non-porous] surfaces {OR} [Spray 6-8 inches from the surface] until completely wet. Allow surface to remain wet for thirty (30) seconds for Fungi (*Trichophyton interdigitalementagrophytes*) and 1 minute for Yeast (*Candida albicans*). Wipe surfaces (and let air dry).

#### To Kill Mold and Mildew:

Pre-clean surfaces. Spray product directly onto [non-porous] surfaces {OR} [Spray 6-8 inches from the surface] until completely wet. Allow the surface to remain [visibly] wet for 4 (four) minutes. Allow [Let] to air dry [or wipe surface dry] [or rinse]. [If streaking is observed, wipe with a clean, damp [cloth or] [microfiber cloth or] [paper towel]].

#### To Control Mold and Mildew:

Spray product directly onto [non-porous surfaces] {OR} [Spray 6-8 inches from the surface] until completely wet. Allow [Let] to air dry [or wipe surface dry] [or rinse]. [If streaking is observed, wipe with a clean, damp [cloth or] [microfiber cloth or] [paper towel]]. Repeat application weekly or when growth reappears.

## {Mold & Remediation Antimicrobial Uses}

#### **Mold Remediation:**

- 1. Repair the source of moisture (stop leaks, etc) to eliminate conditions favorable to mold growth such as moisture ingress and high relative humidity and to prevent further mold growth and/or re-growth.
- 2. Wipe the wall with a clean cloth wetted with clean water or with this product {or product name}. Dispose of the cleaning cloth in a well-sealed plastic bag.
- 3. Spray this product {or product name} to contaminated hard, non-porous surfaces until completely wet.
- 4. Allow surface to remain wet for 4 minutes.
- 5. Wipe surfaces dry (or) [rinse] [[let] [allow to] air dry].

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#### For use as a Boot / Shoe (Wash) (Disinfectant):

To prevent cross contamination between treated surfaces into animal areas, shoe washes should be accessible at all entrances to building. Scrape waterproof shoes or boots and apply this product [or product name] until thoroughly wet. Allow product to remain in contact with shoes or boots for 1 minute and let air dry. All treated surfaces that will contact feed or drinking water must be thoroughly scrubbed with soap or detergent and then rinsed with potable water before reuse.

#### For use as a Boot / Shoe Sanitizer:

To prevent cross contamination between treated surfaces into animal areas, shoe washes should be accessible at all entrances to building. Scrape waterproof shoes or boots and apply this product [or product name] until thoroughly wet. Allow product to remain in contact with shoes or boots for 10 seconds and let air dry. All treated surfaces that will contact feed or drinking water must be thoroughly scrubbed with soap or detergent and then rinsed with potable water before reuse.

#### {Spa and Salon Antimicrobial Uses}

#### To Clean and Disinfect Barber and Beauty/Manicure Instruments and Tools:

- 1. Pre-clean heavily soiled items.
- 2. Spray all surfaces of pre-cleaned combs, brushes, scissors, clipper blades, razors, manicure implements and other non-porous instruments with this product {or product name} until thoroughly wet.
- 3. Let stand for 1 minute.
- 4. Rinse the surfaces thoroughly with water.
- 5. Let air dry before reuse.

# For use as a disinfectant, (\*virucide) on hard, non-porous (inanimate) (environmental) surfaces of (non-circulating) (and) (circulating) footbaths (and) (pedicure foot spa equipment):

- 1- **Drain:** Drain the water (from) (the unit) (foot spa) (basin) (bowl) and remove any visible debris.
- 2- Clean: Thoroughly clean all (hard, non-porous (inanimate) (environmental)) surfaces with this product [or product name] (soap) (detergent), then rinse with water and drain.
- 3- **Apply:** (Apply) (Spray) this product [or product name] (6-8 inches from surfaces) (of footbath) (on all non-porous surfaces) with a trigger sprayer.
- 4- Scrub: Brush or swab thoroughly and allow solution to stand for 1 minute.
- 5- Rinse all [(cleaned) (treated)] surfaces with fresh water and drain [the rinse water].

#### {Industrial and Institutional/Residential Antimicrobial Uses}

## For Use as (Daily) Bathroom (Restroom) (One-Step) Cleaner/Disinfectant:

- 1. Pre-clean heavily soiled areas.
- 2. Spray 6-8 inches from surface [until surface is thoroughly wet].
- 3. Allow surface(s) [Allow this product to penetrate and] [to] remain wet for 1 minute.
- 4. Wipe [surfaces dry] [or rinse]. [If streaking is observed, wipe with a clean, damp [cloth or] [microfiber cloth or] [paper towel]].

{*Note: Next sentence is optional language*}

(Note - Floors will be slippery when wet or contaminated with foreign materials.)

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#### For Use as a Bowl Cleaner/Disinfectant in Toilet Bowls:

- 1. Pre-clean heavily soiled areas.
- 2. Empty toilet bowls by forcing water through the trap. Spray 6-8 inches from exposed surfaces in toilet bowls.
- 3. Swab entire surface area especially under the rim.
- 4. Allow entire surface to remain wet for one (1) minutes.
- 5. Flush toilet and rinse swab applicator thoroughly.

#### {Hospital/Lab Antimicrobial Uses}

#### For Use to Clean and Disinfect Manikins Used in CPR Training:

Manikins should be cleaned as soon as possible at the end of each class to avoid drying of contaminants on surfaces. Disassemble the manikin as directed by manufacturer's instructions. Spray all surfaces (of manikins) with this product {or product name} until thoroughly wet. Let stand for 1 minute and rinse with potable water.

#### **To Disinfect Surfaces in Pharmaceutical and Cosmetic Processing Facilities:**

- 1. Pre-clean heavily soiled areas.
- 2. Spray 6-8 inches from surface [until surface is thoroughly wet].
- 3. Allow surface(s) [Allow this product to penetrate and] [to] remain wet for 1 minute.
- 4. Rinse with sterile water.
- 5. (Wipe with a dry, clean cloth) (and) (or) (let air dry).

#### For Use To Clean and Disinfect Life Science Laboratory Surfaces, Instruments, and Glassware:

- 1. Pre-clean heavily soiled areas.
- 2. Spray 6-8 inches from surface [until surface is thoroughly wet].
- 3. Allow surface(s) [Allow this product to penetrate and] [to] remain wet for 1 minute.
- 4. For glassware/instrument: Rinse surface thoroughly and let air dry before reuse. For surfaces: (Wipe with a dry, clean cloth) (and) (or) (let air dry). [If streaking is observed, wipe with a clean, damp [cloth or] [microfiber cloth or] [paper towel]].

#### STORAGE AND DISPOSAL {For Residential use}

{Note to reviewer: Sizes for Residential use will be 1 gallon or less}

**PESTICIDE STORAGE**: Store in original container in areas inaccessible to small children. Keep securely closed.

**CONTAINER HANDLING**: Non-refillable container. Do not reuse or refill this container. Wrap [container] and put in trash or offer for recycling [if available].

{For bottles intended to be refilled by the consumer-i.e. not for re-sale}

STORAGE AND DISPOSAL:

**PESTICIDE STORAGE**: Store this product in areas inaccessible to small children. Keep securely closed.

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**CONTAINER HANDLING**: Do not reuse or refill this container except as described in the directions for use. Refill only with this product [-or-product name]. Offer empty container for recycling. If recycling is not available, discard in trash.

#### STORAGE AND DISPOSAL {For Institutional use}

{For sizes 1 gallon or less}

**PESTICIDE STORAGE**: Store in original container in areas inaccessible to small children. Keep securely closed.

**CONTAINER HANDLING**: Non-refillable container. Do not reuse or refill empty container. Wrap [container] and put in trash or offer for recycling [if available].

{For bottles (1 gallon or less) intended to be refilled by the consumer-i.e. not for re-sale} STORAGE AND DISPOSAL:

**PESTICIDE STORAGE**: Store this product in areas inaccessible to small children. Keep securely closed.

**CONTAINER HANDLING**: Do not reuse or refill this container except as described in the directions for use. Refill only with this product [-or-product name]. Offer empty container for recycling. If recycling is not available, discard in trash.

{For sizes over 1 gallon}

STORAGE AND DISPOSAL:

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

**PESTICIDE STORAGE:** Store in securely [tightly] closed container in areas inaccessible to small children. [Store away from direct sunlight and heat [extreme temperatures]]. [Do not mix with other cleaning or disinfecting products].

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. [For more information on the disposal of unused, unwanted product and the cleanup of spills, contact the EPA Regional Office or the Manufacturer for guidance].

**CONTAINER HANDLING:** Non-refillable container. Do not reuse or refill this container. Offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill; or incinerate, or, if allowed by state and local authorities, burn. If burned, stay out of smoke.

{For labels with veterinary use patterns}

**ENVIRONMENTAL HAZARDS**: This product is toxic to birds, fish and aquatic invertebrates. Caution should be used when applying indoors because pets may be at risk.

{Reference to SDS will not be on the residential use products}

[READ S.D.S. BEFORE USING PRODUCT] [SDS is available on line at {the URL link for SDS}] [SDS Ref. No. xxxxxxxxxx]

#### {Worker Protection Standard: Spanish Statement}

Si no puede leer en ingles, pregunte a su supervisor sobre las instrucciones de uso apropiadas antes de trabajar con este producto.

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{List of soils, surface materials, hard non-porous surfaces and use site for use in Institutional products}

#### {Table 8 – Institutional Soils}

- Blood
- Body oils
- Dead skin
- Dirt
- Feces [Fecal matter]
- Finger prints
- Food residue[s] -or-soil[s]
- {Table 9 Institutional Surface Materials}
  - Aluminum
  - Chrome
  - Crystal (non-food contact items)
  - (Baked) Enamel (surfaces)
  - Fiberglass fixtures
  - Glass
  - Glazed ceramic
  - Glazed porcelain
  - Glazed tile
  - Laminated surfaces
  - Linoleum
- {Table 10 Institutional Hard Non-porous surface} Medical and Dental:
  - amalgamators -and/or- dental curing lights
  - anesthesia machines
  - autoclaves

- Grime
- Laboratory stains
- Mold stains
- Soils
- Other common soils –and/or- stains
- Other organic matter
- Urine
- Metals [except copper and brass]
- Mirrors
- Painted surfaces
- Plastic
- Plastic laminate
- Plastic surfaces
- Sealed fiberglass [polyester, vinylester and epoxy resins]
- Stainless steel
- Synthetic marble
- Vinyl
- baskets
- bedpans
- bedrails

- [bedside] commodes
- bedside tables
- blood pressure cuffs
- blood pressure (BP) monitors
- BSL hoods
- cabinet [handles]
- call boxes
- CAT -or- Computerized Axial
- Tomography equipment
- carts
- centrifuge
- chairs
- closet [handles]
- computer peripherals
- computer screens
- computer tables
- cords
- counters
- [crash] [emergency] carts
- dental countertops
- dental operatory surfaces
- dentists' -or- dental chairs
- dental unit instrument trays
- desktops
- diagnostic equipment
- [exterior of] dialysis machines
- docking stations
- [exam -or- examination] tables
- external surfaces of [medical] equipment or- [medical] equipment surfaces
- [external] [surfaces of] ultrasound transducers [-and/or- probes]
- exterior of pipes
- footboards
- fume hoods
- glucometers
- gurneys
- handheld [electronic] devices
- headboards
- [hospital or patient] bed[s] [springs][railings][frames][lining]
- Infant incubators and care cribs±
- IV poles [stands]

- IV pumps (exterior surface)
- keyboards
- laptops
- light lens covers
- loupes
- Manikins used in CPR training
- mammography equipment
- [Mayo] [instrument] stands
- medication carts
- [computer] mouse
- mobile devices
- mobile electronic equipment
- mobile workstations
- mouse pads
- [Surfaces of] MRI -or- Magnetic Resonance Imaging equipment
- nurse-call [devices] [buttons] [and cords]
- operating room tables and lights
- operatory light switches
- oxygen hoods
- overbed tables
- paddles
- pagers
- patient monitoring equipment
- patient support and delivery equipment
- phlebotomy trays

patient chairs

- physical therapy (PT) equipment surfaces
- phone cradle
- plastic mattress covers
- power cords
- pulse oximeters
- PVC tubing
- Reception counters –or- desks –or- areas
- remote controls
- respirators
- respiratory therapy equipment
- scales
- sequential compression devices
- shower fixtures
- side rails
- slit lamps
- small surfaces

- spine backboards
- stethoscopes
- stools
- stretchers
- support bars
- tablet PCs
- toilet handholds

#### **Veterinary:**

- animal equipment
- animal crates
- automatic feeders
- buckets
- brushes
- cage[s] cage rack
- carts
- dog runs
- examination tables
- exterior surfaces of fountains
- external surfaces of [veterinary] equipment
- exterior surfaces of watering appliances
- farm vehicles (trucks) ±
- feed racks

#### Miscellaneous:

- attics
- [bathroom] fixtures
- [bathroom] faucet[s]
- beams
- bench-tops
- blinds
- block construction material
- BP Monitors
- cabinets
- cell[ular] -or- mobile phones
- ceiling[s] [tiles]
- chairs
- changing tables
- chemotherapy hoods
- [children's] furniture
- closets
- counters -or- countertops
- crawl spaces
- desk[s] [tops]

- traction devices
- walls [around toilet] [in patient rooms]
- wash basins
- wheelchair
- work stations
- X-ray equipment
- fencing±
- food baths
- gates
- gathering [guiding] equipment
- grooming equipment
- handling equipment
- harnesses & leashes±
- pens
- reception counters -or- desks -or- areas
- [wash] stalls
- transportation crates
- troughs
- veterinary care surfaces
- [diaper -or- infant] changing [tables]
- drain troughs
- drip pans
- [restaurant] tables
- door[s] [handle[s]] [frames]
- empty garbage bins
- [filing] [medicine] cabinets
- finished -or- painted walls
- finished basements
- foundations
- floors [around toilets]
- garbage storage
- [glass] [stainless steel] equipment
- Hard non-porous surfaces of furniture
- Hard non-porous bath mats (e.g., rubber or plastic)
- [hand]railings -or- rails
- hard, nonporous areas -or- surfaces behind and under sinks

- [Instrument] Stands
- joists
- lamps
- light fixtures -or- switches -or- panels
- locker[s] [room benches]
- masonry (cinder)
- [medicine] cabinets
- Non-circulating footbath surfaces
- OSB (Oriented Strand Board)
- plaster brick
- plumbing fixtures
- restrooms
- [sealed drywall] [and] [gypsum board]
- sealed [concrete] floors
- ± hard, nonporous surfaces of

# {Table 11 - Institutional use sites}

#### **Medical and Dental:**

- Ambulances -or- [Emergency Medical] Transport Vehicles
- Ambulatory Surgical Centers (ASC)
- Anesthesia Rooms or Areas
- [Assisted Living -or- Full Care] Nursing Homes
- Biopharmaceutical [Areas]
- Carts
- CAT Lab[oratories]
- Central Service Areas
- Central Supply Rooms -or- Areas
- Chiropractic Clinics
- Cleanrooms
- Containment Areas ((CDC) Biosafety Levels 1 to 4)
- Critical Care Units -or- CCUs
- Critical Environments
- Dental Operatories
- Dental -or- Dentist's Offices
- Dialysis Clinics [Facilities]
- Doctors' Offices
- Donation Centers [blood] [plasma] [semen] [milk] [apheresis]
- Emergency Rooms -or- ERs

- sealed walls
- shelves [and drawers]
- stops
- studs
- sub-flooring
- tables
- tabletops
- trusses
- underlayment[s]
- wall cavities
- wallboard
- [washable] walls
- windowsills
- wood [framing]
- Emergency Care Service (EMS) [Areas] [including Fire, Police and Ambulance]
- Examination Rooms
- Eye Surgical Centers
- FDA Regulated Sites
- Foot Care Nursing
- GMP Facilities
- Health Care Settings -or- Facilities
- Homecare
- Hospices
- Intensive Care Units -or- ICU[s] [areas]
- Isolation Areas
- Laundry Rooms
- [Compound Pharmacy] Laboratories
- Life Sciences [Laboratories]
- Long Term Care Facilities
- [Medical] Clinics
- Medical [Device] Facilities
- Medical -or- Physician's -or- Doctor's Offices
- Midwifery
- Naturopathic –or- Homeopathic Clinics
- Newborn -or- Neonatal [Nurseries] [Intensive Care] Units [NICU]
- Nursing -or- Nurses' Stations

- Operating Rooms
- Ophthalmic Offices
- [Ophthalmology] [Massage] [Chiropractic]
   [Acupuncture] [Naturopath] [Homeopathic]
   [Sleep Therapy] [Respiratory Therapy]
   Clinics or Facilities
- Orthopedics
- Otolaryngology (ear, nose and throat)
- Out-Patient [Surgical Centers (OPSC)]
   [Clinics] [Facilities]
- Patient Areas
- Patient Restrooms
- Patient Rooms
- [Pediatric] Examination Rooms -or- Areas

#### **Animal Premises:**

- Animal [Pet] Housing [Kennels] [Facilities]
- Animal Holding Areas
- Animal Life Science Laboratories
- [Animal -or- Pet] Grooming Facilities
- Animal rescue [Shelter] [Facilities]
- Animal Transportation Vehicles
- Barns
- Breeding Establishments
- Bovine Farms
- Catteries
- Dairy Farms
- Equine Farms [Facilities]
- Farms
- Fish [Farm] [Facilities]
- Greenhouses
- Hatcheries
- Kennels

#### **Miscellaneous:**

- Airplanes [Airports]
- Aviation
- Amusement parks
- Attics
- Basements
- Bedrooms
- Bowling Alleys
- Buses

- Pediatric Intensive Care Units [PICU]
- Pharmacies
- Physical Therapy Rooms -or- Areas
- Physicians' Offices
- Podiatry
- Psychiatric Facilities
- Public [Care] Areas
- Radiology -or- X-Ray Rooms -or- Areas
- Recovery Rooms
- Rehabilitation Centers
- Respiratory Therapy Rooms -or- Areas
- Surgery Rooms -or- Operating Rooms -or-ORs
- Waiting Rooms -or- Waiting Areas
- Lab Animal Research Facilities
- Livestock -and/or- Swine -and/or-Poultry Facilities
- Organic Farms
- Pet [Areas] [Quarters]
- Pet Shops -or- Stores
- Pet [Animal] Care Facilities
- Small Animal Facilities
- Tack Shops
- Veterinary Clinics -or- Facilities
- Veterinary [Offices] [Waiting Rooms]
- Veterinary -or- Animal Hospitals
- Veterinary [Examination Rooms]
- Veterinary [X-ray Rooms]
- Veterinary [Operating Rooms]
- Vivariums
- Zoos
- Non-food handling areas of Cafeterias
- Campers
- Campgrounds
- Carpet Cleaning & Deodorizing Areas
- Cellars
- Churches
- Colleges
- Convenience Stores

- Convention Centers
- Correctional Facilities
- Crawl Spaces
- Cruise Ships
- Crisis (Crime) (and) (Trauma) (Fire) Scene
- [Home] Day Care [Centers]
- Dorms
- Dormitories
- Elevators
- Factories
- Non-food handling areas of Fast Food Restaurants
- Funeral Homes
- Gas Stations
- Greenhouses
- Grey or Black Water [Damage][Sewage]
   Areas
- Health Club[s] [Facilities]
- Hotels
- HVAC Systems
- Industrial Facilities
- Institutional [Bathrooms]
- [Institutional] Laundromats
- Institutions
- Kennels
- Libraries
- Living Rooms
- Locker Rooms
- Lounges
- Malls
- General Merchandise Stores, Discount Retailers
- Military Installations
- Mold & Remediation (Sites)
- Mortuaries
- Motels

- [Police -and/or- Fire] Vehicles
- Public Areas
- Public Facilities
- Public Restrooms
- Public Telephone[s] [Booths]
- Recreational Centers -or- Facilities
- Rest Stops
- Restoration Industries [including water, fire, and mold restoration]
- Restrooms -or- Restroom Areas
- Retail and Wholesale Establishments
- Retail Businesses
- [Retail] [Wholesale] Florists
- RVs
- Sewage Backflow Areas
- School Buses
- Schools
- Shelters
- Shippers
- Shopping Centers
- Shops
- Shower Rooms
- Spas [Massage/Facial] [Hair/Nail] [Salons]
- Sports Arenas
- Sports Stadiums
- Subways
- Non-food handling areas of Supermarkets
- Tanning spas
- Tattoo Parlors
- Transportation [Vehicles] [Terminals]
- Trailers
- Trains
- Universities
- Warehouse Clubs
- Water/Flood Damaged [Restoration] Areas

# {List of surface materials, hard non-porous surfaces and use site for use in the Residential Use products}

## {Table 12 - Residential Soils}

- Baby food
- Bacon fat
- Bathtub rings
- Beverage stains

- Baked/burnt on food
- Coffee
- Cosmetic stains
- Crayon / pencil marks

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- Food stains
- Greasy [oily] food spills [splatters]
- Fingerprints
- Grime
- Hair dye
- Handprints
- Heel/Scuff marks

#### {Table 13 - Residential Surface Material}

- Chrome
- Crystal (non-food contact items)
- Enamel
- Fiberglass fixtures
- Formica<sup>∩</sup>
- Glass
- Glazed ceramic
- Glazed porcelain
- Glazed tile
- Linoleum
- Metals [except copper and brass]
- <sup>^</sup>Formica is a registered trademark of the Formica Corporation

- Juice stains
- Pet stains
- Smudges
- Soap scum
- Sticky Food Messes or spills
- Tough soils
- Wine stains
- Mirrors
- Plastic laminate
- Plastic surfaces
- Sealed fiberglass [polyester, vinylester and epoxy resins]
- Sealed granite
- Sealed grout
- Stainless steel
- Synthetic marble
- Vinyl

# {Table 14 - Residential Hard Non-porous surfaces}

- Outer surfaces of air vents
- Appliances exterior
- Athletic equipment
- Bathrooms
- Bathroom fixtures
- [Bathroom] [kitchen<sup>‡</sup>] faucet
- Bathroom doorknobs
- Bathtubs
- Bed frames
- [Behind and under] counters<sup>±</sup>
- [Behind and under] sinks<sup>±</sup>
- Blood Pressure monitors
- Burner trays
- Cabinet s<sup>±</sup>
- Cages
- Cell[ular] or digital phones
- [Hard<sup>±</sup>, and soft <sup>T</sup> surfaces of] Chairs (not including high chairs)
- Changing tables
- Closets [handles]
- Computers

- Computer keyboards
- Computer mouse<sup>±</sup>
- Computer peripherals
- Computer screen
- cords
- Countertop
- Cupboard
- Desk[s][tops]
- Diaper pails
- Door [knobs] [handles] [frames]
- Exercise equipment
- Exercise mats
- Exterior of toilet surfaces
- Exterior of pipes
- Footboards
- Finished hardwood
- Fixture [(chrome) (stainless steel)]
- Floor (glazed tile)
- Floor (vinyl)
- Furniture [hard<sup>±</sup> and soft <sup>T</sup> surfaces]
- Garbage [trash] can [bin]

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- Glazed ceramic tile
- Glazed porcelain tile
- [Hand] railings
- [Hard<sup>±</sup>, and soft <sup>T</sup> surfaces of] car [boat] [trailer] [interior]
- Infant cribs
- [Inside of] drawers
- Grill exterior
- Laminated surfaces
- Lamps
- Light fixture
- Medicine cabinet
- Metal blinds
- Metal surfaces
- Microwave exterior
- [Hard<sup>±</sup>, and soft <sup>T</sup> surfaces of] [outdoor]Patio furniture
- Oven exterior
- Packing benches
- Phone cradles
- Piano keys
- Picnic table
- Plastic laundry basket
- Recycling bins
- Refrigerator / Freezer exterior
- Remote controls
- Sealed granite

- Shelves
- Shower[door][curtain<sup>±</sup> <sup>T</sup>]
- Showers [stalls]
- Sink [basin]
- Stainless steel surfaces
- Stereo consoles
- Storage bins
- Stool
- Strollers
- Tables
- Tabletop
- Telephone
- Tiled walls
- Toilet bowl
- Toilet handholds
- Toilet rims [seats]
- Toys<sup>±</sup> <sup>T</sup>
- Training toilets
- Tools
- [Bathroom] vanity
- Vinyl
- [Washable] walls
- Wash basins
- Walkers
- Washing machine exterior
- Windows
- Work bench

#### {Table 15 - Residential/Household use sites}

- Basement
- Bathroom
- Bedroom
- Dorm rooms
- Dining room
- Exercise room
- Family room
- Garage
- Garbage room
- Kitchen<sup>‡</sup>

- Laundry room
- Living room
- Nursery [room]
- Outdoor [patio] furniture
- Pet areas
- Playroom
- Restroom
- Storage room
- Tool shed
- Washrooms

<sup>‡</sup>Non-food contact surfaces

{Table 16 - Soft Surfaces}

<sup>&</sup>lt;sup>±</sup> hard, nonporous surfaces of

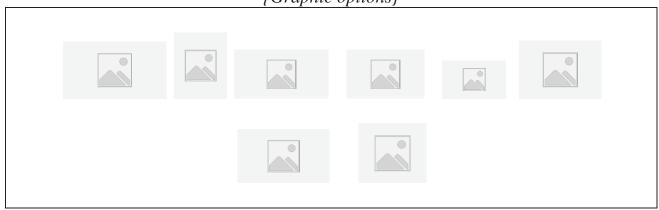
- blinds<sup>T</sup>
- bedding<sup>T</sup>
- blankets<sup>T</sup>
- chairs<sup>T</sup>
- couches<sup>T</sup>
- curtains<sup>T</sup>
- drapes<sup>T</sup>
- exercise mats<sup>T</sup>
- gym bags<sup>T</sup>
- headrests<sup>T</sup>
- linens<sup>T</sup>
- mats<sup>†</sup> (for day care)

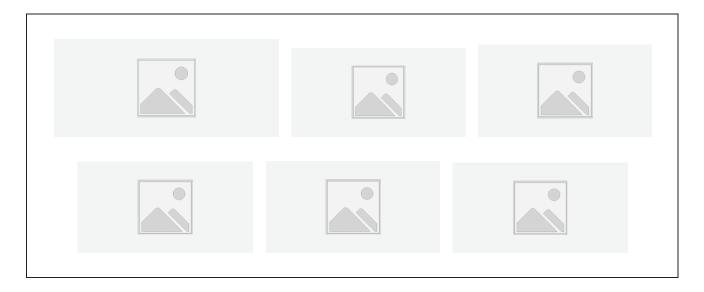
- mattresses<sup>T</sup>
- seat<sup>T</sup> -or- soft cushions<sup>T</sup>
- shades<sup>T</sup>
- sheets<sup>T</sup>
- sofas<sup>T</sup>
- sports equipment [lining<sup>T</sup>]
- towels<sup>T</sup>
- upholstered [armchairs<sup>T</sup>] furniture<sup>T</sup>
- upholstery<sup>T</sup>
- washcloths<sup>T</sup>
- window treatments<sup>T</sup>

<sup>T</sup>(Soft Surfaces) composed of cotton or polyester

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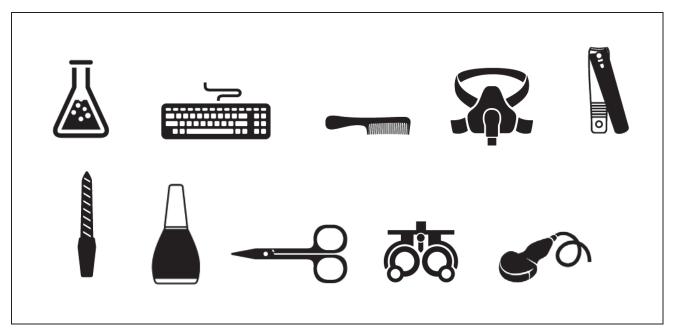
# {Graphic options}

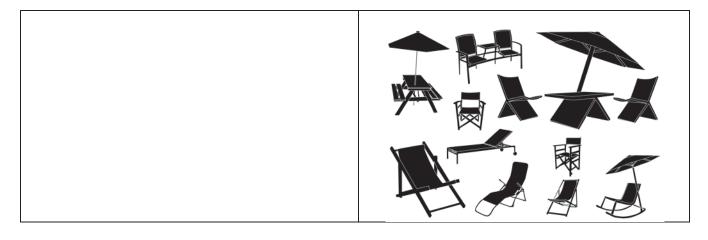




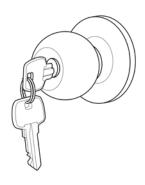






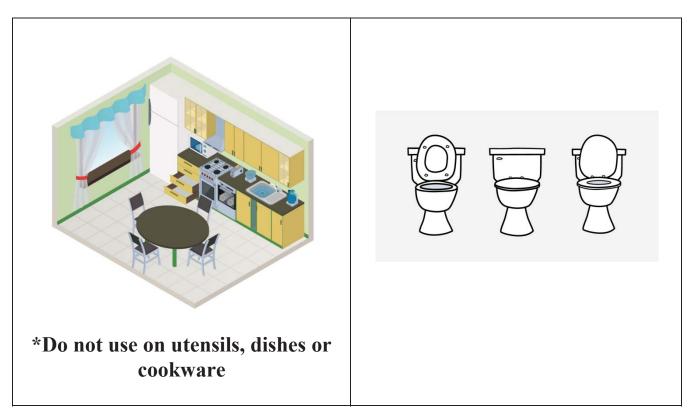








\*Do not use on utensils, dishes or cookware



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