



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

August 1, 2017

Evelyn Lawson
Federal Registration Specialist
Clorox Professional Products Company
c/o PS&RC; P.O. Box 493
Pleasanton, CA 94566

Subject: Label Amendment – Submission of revised label claims
Product Name: Rex
EPA Registration Number: 67619-20
Application Date: January 4, 2017
Decision Number: 525373

Dear Ms. Lawson:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Because you have opted to add statements pertaining to emerging viral pathogens to your label as described in the August 19, 2016, Guidance to Registrants: Process For Making Claims Against Emerging Viral Pathogens Not On EPA-Registered Disinfectant Labels ("Guidance"), https://www.epa.gov/sites/production/files/2016-09/documents/emerging_viral_pathogen_program_guidance_final_8_19_16_001_0.pdf, you are subject to the following additional terms of registration:

1. You may make statements pertaining to emerging viral pathogens 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.

2. Your statements pertaining to emerging viral pathogens must adhere to the format approved on the Agency-accepted master label.
3. You may make statements pertaining to emerging viral pathogens only upon a disease outbreak that meets all the following criteria:
 - a. The causative organism must be a virus that causes an infectious disease that has appeared in a human or animal population in the U.S. for the first time, or that may have existed previously but is rapidly increasing in incidence or geographic range.
 - i. For human disease, the outbreak is listed in one of the following Centers for Disease Control (CDC) publications:
 - A. CDC Current Outbreak List for “U.S. Based Outbreaks” (www.cdc.gov/outbreaks),
 - B. CDC Current Outbreak List for “Outbreaks Affecting International Travelers” with an “Alert” or “Advisory” classification (www.cdc.gov/outbreaks) (also released through the CDC’s Health Alert Network (HAN) notification process)
 - C. Healthcare-Associated Infections (HAIs) Outbreaks and Patient Notifications page (www.cdc.gov/hai/outbreaks)
 - ii. For animal disease, the outbreak is identified as an infectious disease outbreak in animals within the U.S. on the World Organization for Animal Health (OIE) Weekly Disease Information page (www.oie.int/wahis_2/public/wahid.php/Diseaseinformation/WI).
 - A. The CDC or OIE has identified the taxonomy, including the viral family and/or species, of the pathogen and provides notice to the public of the identity of the emerging virus that is responsible for an infectious disease outbreak. Based on the taxonomy of the outbreak pathogen identified by the CDC or OEI, the pathogen's viral subgroups are enveloped, large non-enveloped, small non-enveloped.
 - B. The virus can be transmitted via environmental surfaces (non-vector transmission), and environmental surface disinfection has been recommended by the CDC, OIE or EPA to control the spread of the pathogen.
4. You may begin communicating statements pertaining to emerging viral pathogens only upon CDC or OIE’s publication per term 3.a. of an outbreak of an emerging viral pathogen meeting all of the criteria of term 3. You must cease and remove all such non-label communications intended for consumers no later than 24 months after the original publication of the outbreak per term 3.a., unless the Agency issue written guidance to the contrary due to continued public health concerns. The emerging pathogen claim language may remain on the master label.

Terms from points 1 through 4 above shall become immediately void and ineffective if registration for use against: **enveloped viruses** (Adenovirus Type 2, Canine parvovirus, Feline Calicivirus, Feline Picornavirus, Hepatitis A virus, Poliovirus, Rotavirus, Rhinovirus, Canine parvovirus, Feline Calicivirus, Poliovirus, or Rhinovirus); **large enveloped viruses** (Canine parvovirus, Feline Calicivirus, Feline Picornavirus, Hepatitis A virus, Poliovirus or Rhinovirus); **small enveloped viruses** (Canine parvovirus, Feline Calicivirus, Feline Picornavirus, Poliovirus or Rhinovirus) is suspended or cancelled or no longer meets the criteria for a disinfectant claim (see EPA Product Performance Test Guideline 810.2200). In addition, terms B.1 through B.4 above shall become immediately void and ineffective upon your receipt of evidence of ineffectiveness against any pathogen in a less-resistant Spaulding category.

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.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Emilia Oiguenblik by phone at 703 347 0199, or via email at Oiguenblik.emilia@epa.gov or Eric Miederhoff by phone at 703 347 8028, or via email at Miederhoff.eric@epa.gov.

Sincerely,



Eric Miederhoff
Product Manager 31
Regulatory Management Branch I
Antimicrobials Division (7510P)
Office of Pesticide Programs

Enclosure: Stamped label

Label identification

Rex, EPA Reg. No. 67619-20

R764103

15:10 5/24/17

ACCEPTED

08/01/2017

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 67619-20

Formatting notes

Applicable for all claims

Now[!] -and/or- New[!] -and/&/or- Improved[!] to be used as a claim descriptor only for the first 6 months of product on shelf

Bold, italicized text is information for the reader and is not part of the label.

[Bracketed information is optional text.]

All footnotes are on the last page, unless they are part of EPA's mandated text.

The word "and" may be substituted with "&".

All directions may be written in numbered form or in paragraph form.

Optional text may be placed anywhere on the label/container.

Highlighted text is new. Strike-through (text) means removed.

Rex

KEEP OUT OF REACH OF CHILDREN

CAUTION:

Eye irritant.

SEE [SIDE] [BACK] LABEL -OR- PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS.

Active Ingredients:

n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18)

dimethyl benzyl ammonium chlorides 0.105%

n-Alkyl (68% C12, 32% C14) dimethyl

ethylbenzyl ammonium chlorides 0.105%

Other Ingredients: 99.790%

Total: 100.000%

2 MIN. CONTACT TIME:

E.faecium

S.aureus

K.pneumoniae

A.baumannii

P.aeruginosa

E.aerogenes

Contains no phosphorus.

[NET] [CONTENTS] _____

PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Avoid contact with foods.

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 eye. **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. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. [Emergency Information: 1-800-446-1014. -or- Poison Control Center: (800) 446-1014 -or- Clorox Information Line: 1-888-797-7225 -or- Questions? Call 1-888-797-7225.]

For containers greater than 5 gallons:

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

For containers 1 gallon or less:

Nonrefillable bottles

STORAGE AND DISPOSAL:

Store only in a tightly closed container in a secure area inaccessible to children. Nonrefillable container. Do not reuse or refill empty container. [Triple rinse promptly, then] recycle empty container or discard in trash.

Refillable bottles intended to be refilled by the consumer

STORAGE AND DISPOSAL: Do not reuse or refill this container except as described in the directions for use. Refill only with this product. [Triple rinse promptly, then] recycle empty container or discard in trash.

For containers greater than 1 gallon:

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

PESTICIDE STORAGE: Store only in tightly closed container in a secure area inaccessible to children.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill empty container. Triple rinse promptly, then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

PESTICIDE DISPOSAL: Use up product in accordance to use directions. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Clorox Customer Assistance 1-888-797-7225. Any Questions?

The experts at Clorox are standing by to answer any of your questions. -or- Questions or Comments?

Call [toll-free] 1-888-797-7225.

Satisfaction Guaranteed[!] At Clorox we have prided ourselves in making consistent quality products [for over 100 -or- *insert number* years], and we are dedicated to ensuring your total satisfaction with our product. If you are not completely satisfied, please call the number below -or- 1-888-797-7225. For [M]SDS information please go to www.cloroxprofessional.com.

For more product ingredient information, visit www.IngredientsInside.com

Mfd. for & ©YYYY Clorox Professional Products Company,

1221 Broadway, Oakland, CA 94612

Commercial Solutions is a registered trademark of The Clorox Company -or- Clorox Professional Products Company

Clorox is a registered trademark of The Clorox Company.

insert trademark is a registered trademark of The Clorox Company -or- Clorox Professional Products Company.

Made in [the] U.S.A. [of global components -and/or- ingredients.]

optional flag graphic

EPA Reg. No. 67619-20

EPA Est. No. 5813-CA-3 (A8 or H8), CA-6 (TPP); GA-1 (A4),

GA-2 (VG), IL-2 (VF); 8251-OH-1 (Q6), WI-2 (KW), WI-3 (KV), WI-5 (UQ); 58455-IN-1 (C6), IN-2 (01);

40873-GA-1 (JT); 71106-GA-2 (E8); 71681-IN-1 (03), IN-2 (24); 74750-GA-1 (JJ)

Beginning of batch code indicates Est. No.

Visit us at www.cloroxprofessional.com

Packaging Related Statements

To Operate:

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

-or-

To open, turn nozzle. Spray [6-8 in[ches] from] surface. Rub -or- wipe with brush -or- paper towel -or- sponge -or- lint-free cloth -or- cloth. Do not breathe spray or mist.

[When almost empty, -or- To spray every drop[,][:] tilt bottle downward -or- at a downward angle [while spraying].]

Optional Directions for Product Supplied in Refill Bottles: [Refill only with this product.]

Alternate for Refill Bottle:

To Refill [Spray Bottles]:

Remove[:]

1. Remove trigger sprayer -or- cap from empty bottle.

Pour[:]

2. Unscrew cap on refill and pour contents directly into empty bottle. Use a funnel -or- spigot to minimize product spills -or- waste.

Use[:]

3. 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.

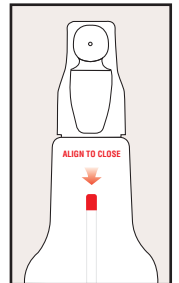
Fill -or- refill the **insert number** [fl] oz **this product** spray bottle with **this product** refill. Pour product into spray bottle over sink or tub basin.

Trigger options:

Switch to open -or- on

-or-

To refill: Twist trigger [on spray bottle] [1/4 turn] [counterclockwise] [and pull up -or- upward[s]] to remove. [Fill spray bottle with refill solution.] [After refilling spray bottle,] [to replace trigger,] Align [red tip] tube on trigger [head] over [small] opening -or- tube [on] [the] inside [of the bottle]. [[Note that] trigger [head] should point in [the] same direction as [the] tube [running] on the outer edge of the bottle.] Press [straight] down on the trigger [head], [applying even pressure] [until it clicks -and/or- locks] [into place].



Optional graphics/text. May be placed anywhere on label/container or collateral labeling.



[[Use your phone to] go here -and/or- scan [[the] tag -or- [this] code] to learn -or- get -or- see [more] uses -or- information [on how-to-use [**This Product**]] -or- [how-to] tips -or- [how-to [-use]] videos] [(Data rates may apply)]

Packaging Related Claims

- Align to close
- [Be] [Get] RefillSmart [®][™][!]
- Get -or- Spray Every Drop[!][®][™]
- Last Drop Access
- No Waste -or- Wasteless Bottle
- Patented design bottle
- Recyclable bottle
- Smart Tube[®][™] Technology
- [Use as a] [Pourable] refill for this product

DIRECTIONS FOR USE

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

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.

-or- To open, turn nozzle. Spray [6-8 in[ches] from] surface. Rub -or- wipe with brush -or- paper towel -or- sponge -or- lint-free cloth -or- cloth. Do not breathe spray or mist.

Do not use on soft vinyl, varnishes, or aluminum. If applied to those surfaces, rinse and wipe dry immediately. For painted surfaces, test small area first. -or- For best results, always test a small area before washing -or- applying.

For surfaces that may come in contact with food, a potable water rinse is required.

Cleaning and General Use

DIRECTIONS FOR USE:

General [Kitchen/Bathroom/Floor] Cleaning: [Remove cooking ingredients and cooked food from areas to be cleaned.] [**To Use Full Strength:**] Spray product directly onto soils and wipe clean. -or- Directly apply [this product] with a cloth, sponge, mop, or trigger sprayer to completely wet surface and wipe clean. No rinsing needed. Repeat for heavily soiled areas. [**To Use Diluted:**] [**To clean large hard surfaces and floors:**] Mix 8 oz -or- 1 cup [of this product] with 1 gallon water. Wet surface completely with cloth, sponge, or mop.

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 sponge]. No scrubbing or rinsing necessary. For best results, use a dry paper towel or lint-free cloth. 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- Floors: Spray soiled area, then wipe clean. -or- For spot cleaning, spray and wipe clean with damp sponge -or- mop. [For larger areas, [remove trigger sprayer and] mix one cup of this product per gallon of warm water and apply with a sponge -or- mop.]

To Clean Toilets: To clean and deodorize toilet bowl, squirt liberally (1/2 cup) on toilet sides and upper toilet bowl rim. Swab -or- brush all surfaces and flush.

To clean -and/or- remove stains: Spray surface; [rinse and] let air dry. [If streaking is observed, wipe with a clean, damp [cloth or] paper towel.]

To Deodorize: Spray until thoroughly wet. -or- Apply [this product] with mop, cloth, sponge, or trigger sprayer to completely wet all surfaces. Let stand for appropriate contact time. Then wipe. For heavily soiled areas, precleaning is required.

To Disinfect: [Hold container 6-8 in[ches] from the surface to be treated and] spray area until it is covered with the solution. Allow this product to penetrate and remain wet. Let stand for contact time listed below -or- on label **insert contact time(s)/organism(s) from organism table**. Then wipe. For heavily soiled areas, a precleaning is required. For food contact surfaces such as institutional kitchen/restaurant counters, tables, and appliance exteriors, rinse disinfected surface with potable water. Do not use on glasses, dishes, or utensils.

-or-

Use [the] **insert ABN** -or- this product to spray surfaces to be disinfected -or- treated. To Disinfect: [Hold container 6-8 in[ches] from the surface to be treated and] spray area until it is covered with the solution. Allow this product to penetrate and remain wet. Let stand for contact time listed below -or- on label **insert contact time(s)/organism(s) from organism table**. Then wipe. For heavily soiled areas, a precleaning is required. For food contact surfaces such as counter, tables and appliance exteriors, rinse disinfected surface with potable water. Do not use on glasses, dishes, or utensils.

DISINFECTION: To [clean and] disinfect [and deodorize] hard, nonporous surfaces: [Set trigger to SPRAY.] Spray [6-8 in[ches] from surface] until surface is thoroughly wet. Let stand for contact time listed below -or- on label. [Then wipe.] [Rinse.] [Allow to air dry.] Rinse with potable water for food-contact surfaces. For all others, no rinsing is required. Gross filth should be removed prior to disinfecting. [If streaking is observed, wipe with a clean, damp cloth -and/or- microfiber cloth -and/or- paper towel.]

The following statements are to be used on institutional labels with medical use sites, medical devices and/or bloodborne pathogens:

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 may be used to preclean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

For products with medical devices listed on the label, the following must be used:

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

Special Instructions for Use Against HIV-1, HBV, and HCV

This product kills HIV-1, HBV and HCV on precleaned hard, nonporous surfaces/objects previously soiled with blood/body fluids in health care settings [(hospitals, nursing homes)] or other settings in which there is an expected likelihood of soiling of 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 (HIV-1) (associated with AIDS), Human Hepatitis B [(Virus)] (HBV) and Human Hepatitis C [(Virus)] (HCV).

Special instructions for using this product to clean and decontaminate against HIV-1, HBV and HCV on surfaces/objects soiled with blood/

body fluids: Personal Protection: When handling items soiled with blood or body fluids, use disposable impervious gloves, gowns, masks and eye coverings. **Cleaning Procedure:** Blood and other body fluids must be thoroughly cleaned from surfaces and other objects before applying this product. **Contact Time:** Allow surface to remain wet for HBV, HCV and HIV-1 for 1 min[ute]. These contact times will not control other common types of viruses and bacteria. **Disposal of Infectious Materials:** Use disposable impervious gloves, gowns, masks and eye coverings. Blood and other body fluids must be autoclaved and disposed of according to local regulations for infectious waste disposal.

To disinfect food processing premises: floors, walls and storage areas, [hold container 6-8 -or- six to eight in[ches] from the surface to be treated and] spray area until it is covered with the solution. Allow this product to penetrate and remain wet for 3 min[utes] (for Bloodborne Pathogens, allow surface to remain wet for HBV, HCV and HIV-1 for 1 min[ute]). Wipe off with a clean cloth, mop or sponge and thoroughly rinse all surfaces in the area with potable water. Heavily soiled areas must be precleaned before using this product. Food products and packaging materials must be removed or carefully covered prior to using this product.

To disinfect food service establishment food contact surfaces: countertops, appliance exteriors, tables, [hold container 6-8 -or- six to eight in[ches] from the surface to be treated and] spray area until it is covered with the solution. Allow this product to penetrate and remain wet for 3 min[utes] (for Bloodborne Pathogens, allow surface to remain wet for HBV, HCV and HIV-1 for 1 min[ute]). Wipe off with a clean cloth, mop or sponge and thoroughly rinse all surfaces in the area with potable water. Heavily soiled areas must be precleaned before using this product. Do not use on eating utensils, glassware and cookware.

Disinfection of animal quarters and kennels: For disinfection of precleaned animal quarters and kennels, apply this product [-or- product name]. Remove all animals and feed from premises. Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by animals. Empty all troughs, racks, and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate the surfaces with the disinfecting solution for a period of 3 min[utes] (for Bovine Viral Diarrhea Virus (BVDV) 1 min[ute]) (for Feline Calicivirus and Rabies virus 30 sec[onds]) (for Canine Parvovirus 3 min[utes]). Ventilate building and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. All treated equipment that will contact feed or drinking water must be rinsed with potable water before reuse.

Animal housing facilities [and poultry and swine premises]: This product [-or- product name] removes dirt, grime, blood, urine, fecal matter and other common soils found in animal housing facilities, grooming facilities, kennels, pet stores, veterinary clinics, laboratories or other small animal facilities. It [also] eliminates odors leaving surfaces smelling clean and fresh.

It cleans, disinfects and deodorizes hard, nonporous inanimate surfaces in one step. Its non-abrasive formula is designed for use on [Use daily on] [Use daily to clean and disinfect] hard, nonporous inanimate surfaces: plated or stainless steel, chrome, glazed porcelain, glazed tile, laminated surfaces associated with floors, walls, countertops, cages, crates, kennels, and animal equipment found in animal housing facilities.

Hospitals/Healthcare facilities:

This product [-or- product name] cleans, disinfects and deodorizes hard, nonporous [hospital] [medical] surfaces in one step [with no rinsing required].

When used as directed, this product [-or- product name] [contains 2100 ppm of active germicide making it] [is] highly effective against a wide variety [broad spectrum] of pathogenic bacteria, viruses† and fungi on hard, nonporous surfaces.

This product [-or- product name] is a one step [hospital-use] germicidal [disinfectant] cleaner and deodorant [odor counteractant] [odor neutralizer] designed for general cleaning, [and] disinfecting [deodorizing] [and controlling mold and mildew on] [of] hard, nonporous inanimate surfaces. Quickly removes dirt, grime, food residue, blood and other organic matter commonly found in hospitals [in health care facilities] [on medical surfaces]. It [also] eliminates odors leaving [restroom] surfaces smelling clean and fresh. Use where odors are a problem.

[This product] is a ready to use [broad spectrum] [germicidal] [disinfectant] cleaner and deodorizer designed for general cleaning [and] disinfecting [deodorizing] [and controlling mold and mildew on] [of] hard, nonporous surfaces. Quickly removes dirt, grime, food residue, blood and other organic matter commonly found in hospitals -or- [in healthcare facilities] [on medical surfaces]

Non-Acid Bowl (& Bathroom) Disinfectant Cleaner: This product [-or- product name] is [also] a [ready-to-use] non-acid [bowl and] bathroom cleaner that cleans, disinfects and deodorizes in one easy step. It cleans, disinfects and deodorizes *insert surface(s) from Tables 1-6 -and/or- insert surface material(s) from Table 7* found in the bathroom [restroom] [in the presence of organic soil].

Cooling Coils Disinfectant Cleaner: This product [-or- product name] is a [ready-to-use] [non-abrasive] [one step] disinfectant cleaner for [small air conditioner] [commercial air handling unit] [HVAC] cooling coils and [refrigeration equipment] [refrigerator] [freezer] evaporation coils. When using this product [-or- product name] to disinfect and clean [cooling coils] [evaporation coils], disconnect power to the unit before applying product. Follow directions under the Disinfection, Deodorizing and Cleaning sections.

MOLD AND MILDEW: To control mold and mildew: Apply to precleaned hard, nonporous inanimate surfaces. Allow to air dry. Repeat application weekly or when growth reappears.

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

MILDEWSTAT

To control mold and mildew on precleaned, hard, nonporous surfaces spray surface to be treated making sure to wet completely. Let air dry. Repeat application at weekly intervals or when mildew growth appears.

Cleaning and General Use Claims

Claims:

Non-disinfectancy-related bullets/bursts/sentences:

- A kitchen that is ready-to-go
- A polished-clean kitchen
- Advanced cleaning formula
- Alcohol-free
- An effective [non-food contact surface] cleaner for use in the [institutional] kitchen, bathroom, bedroom, and other areas
- Bleach-free **when used with Clorox® alternate brand name**
- Can be used diluted for lighter cleaning tasks or full strength for big -or- tough jobs
- Can be used for indoor and outdoor cleaning tasks
- Can be used full strength or diluted [for heavy duty to lighter cleaning tasks]
- Chrome -and/or- Surface cleaner
- Clean up with the one thing that can handle the kitchen
- Clean[-up] -or- manage -or- handle bodily -or- biological fluids -or- vomit -and/or- urine -and/or- feces.
- Cleaning [made easy]
- Cleans and Deodorizes in One Easy Step
- Cleans [all] [washable] floors [including] [no-wax floors] [linoleum] [vinyl] [and] [glazed ceramic tile]
- Cleans everyday kitchen -and/or- bathroom messes
- Cleans [everyday messes] [grease and grime] throughout the house
- Cleans [Fast,] [All Over the House] [in Kitchens and Bathrooms]
- Cleans [Fast] [in Kitchens and Bathrooms]
- Cleaner [for institutional use]
- Cleans grease
- Cleans hard, nonporous surfaces
- Cleans kitchen -and/or- bathroom surfaces
- Cleans kitchen, bathroom and other [institutional] surfaces
- Cleans kitchens to a beautiful shine
- Cleans limescale
- Cleans quick[ly]
- Cleans soap scum -or- dirt -or- build-up
- Cleans [surfaces] [throughout the house]
- Cleans the toughest soils
- Cleans tough grease -and/or- kitchen -and/or- bathroom messes [without smearing] [fast]
- Cleans tough messes
- Cleans without bleaching -or- bleach
- Clear formula
- Clorox® clean
- Commercial Solutions®
- Contains grease cutters
- Contains no abrasives, harsh acids
- Contains no bleach **when used with Clorox® alternate brand name**
- Cuts cleaning time
- Cuts -or- Cleans greasy dirt -and/or- soap scum -and/or- bathroom soils [fast]
- Cuts -or- Cleans Grime in Kitchens and Bathrooms [Fast]
- Cuts -or- Cleans Kitchen and Bathroom Grime -and/or- Soils [Fast]
- Cuts -or- Powers through tough grease and grime [including bathroom soils] [including soap scum]
- Cuts [through] tough kitchen -and/or- bathroom [grease,] [grime] [and] [soils]
- Cuts [through] [tough] grease [and] [grime] [and] [messes] [quickly] [and easily] [without a trace] [of residue]
- Cuts [Tough] Grease and Grime
- Deep clean[ing] [cleaner -or- formula]
- Degreaser
- Degreases
- [Delivers] a clean you can see and smell
- Deodorizes
- Designed for use on multiple surfaces
- Developed -or- Formulated with your -or- the kitchen in mind
- Dissolves [greasy] [kitchen] [bathroom] messes [and odors] [on contact -or- instantly]
- Dissolves grease on contact [-or- instantly]
- Dissolves messes [to a shine] [without a trace] [of residue]
- Does not contain bleach **when used with Clorox® alternate brand name**
- Dries quickly
- [Easily cleans the] -and/or- Toughest [on] grease [and grime] [throughout the house]
- Easy to handle
- Easy [and convenient] to use
- Effectively removes [everyday] soils [on: **insert surface(s) from Tables 1-6 -and/or- insert surface material(s) from Table 7**]
- Eliminates -or- Removes [kitchen] [bathroom] odors
- Ergonomic bottle
- Ergonomic shape
- Fast [Strong] cleaning power
- Fast action [kitchen] [bathroom] cleaner
- Fast, easy cleaning solution
- Floor cleaner
- For a cleaner, fresher area
- For a noticeably clean facility
- [For] general use
- For more advice -or- tips -or- education -or- support -or- information) call us [toll free] at **insert phone number**
- For more advice -or- tips -or- education -or- support -or- information) visit us at our Facebook page at **www.insert website.com**
- For more advice -or- tips -or- education -or- support -or- information) visit us at **www.insert website.com**
- For Professional Use [Only]
- [For] Surface [care]
- [For] Surface cleaning
- For use on both white and colored hard nonporous surfaces
- Formula fights grease
- Formula for bathrooms -and/or- kitchens
- Formulated for kitchen messes [-or- all kitchen cleaning needs]
- Formulated to satisfy [-or- Satisfies] your sense of clean
- Get a noticeably clean kitchen
- Good for everyday cleaning -and/or- for your toughest messes
- Good for most indoor and outdoor cleaning tasks
- Grease cutter -or- fighter -or- cutting formula -or- fighting formula
- Great for Bathroom [Soils] -and/or- Soap Scum
- Great for Cleaning Power [-or- Kitchens]

- Great for everyday use [in the kitchen -or- bathroom]
- Great for Kitchen[s] -and/or- Bathroom[s] [soils] [too]
- Great in the Kitchen and Bathroom
- [Great] For Everyday Use [in Kitchens and Bathrooms]
- Grease cutter
- Institutional [size]
- Just spray and wipe
- [Kitchen] [bathroom] cleaner
- Kitchen cleaning done right
- Kitchen cleaning made easy
- Kitchen formula
- Leaves area smelling clean with a light [fresh] [citrus] [lemon] [mist] [orange] scent
- Leaves nothing behind [but clean]
- Made for kitchen cleaning
- Made for kitchen surfaces and odors
- Made for your -or- the kitchen
- Makes your -or- the [cleaning] job easier [in the] [kitchen] [bathroom] [household] [all over the house]
- Maximum Cleaning, Minimum Effort
- Multi-Purpose [Cleaner]
- Multi-Surface [and Chrome] [cleaner]
- Neutralizes odors [(doesn't [just] mask)]
- No harsh chemical odors or fumes
- No mixing
- No [Unpleasant] Fumes
- Non-abrasive formula [will not scratch surfaces]
- Non-bleach **when used with Clorox® alternate brand name**
- Non-Chlorine Formula: Will not bleach clothing or colored surfaces
- Passes the kitchen everyday use -or- torture test
- Perfect -or- Ideal for [greasy] [tough] [grimy] messes [around -or- in the] [kitchen] [bathroom] [bedroom]]
- Powers through tough grease and grime [-or- messes] [including [kitchen] [grease and grime] [and] [bathroom soils] [including soap scum]]
- Powers through [tough] [kitchen] [grease] -or- [messes] -or- [dirt]
- Powers through tough messes [all over the workplace]
- Powers through [your] [the] toughest cleaning jobs
- Prevents [odors] [dirt] [soap scum] [build up]
- Pump spray
- Quick [Easy] [Fast] [Effective] [Convenient] [Cleaner]
- Quickly cuts through the toughest grease
- Removes [-and/or- Cleans] [everyday] kitchen messes
- Removes -and/or- Cleans the following **insert stain(s)/soil(s) from Table 8**
- Removes [tough] stains
- Restores your -or- the kitchen to a clean state
- Safe to -or- for use on [the following surface [material]s:] **insert surface material(s) from Table 7**
- Shelf-stable formula
- Special [grease fighting] [kitchen cleaning] [formula]
- Special kitchen-cleaning formula
- Special -or- Premium Surfaces
- Starts cleaning [-or- to work] on contact [-or- instantly]
- Starts to work before you [even] [do -or- start to] wipe
- Start with a clean slate
- Strong [cleaner]
- Strong - Cuts through tough grease and grime
- Strong enough to cut through automotive grease, yet won't harm fabric
- [Strong –] Works for you in cleaning tough grease and grime [found in food service kitchens -or- settings]
- [The] One Step Cleaner
- This product is a multi-surface cleaner[, for use on **insert surface(s) from Tables 1-6 -and/or- insert surface material(s) from Table 7**]
- [This product] is an effective cleaner that will not dull high gloss floor finishes with repeated use
- This product is designed to be used as part of your daily cleaning process -or- program
- This product is for use in institutional kitchens -or- cleaning
- [This product] is formulated to not dull high-gloss floor finishes with repeated use
- [This product] is for non-scratch cleaning of **insert surface(s) from Tables 1-6 -and/or- insert surface material(s) from Table 7**
- This product's formula cleans
- Tough on Greasy Soils
- Trigger spray
- Usable on a variety of soils
- Versatile
- [Versatile—] Designed for multiple uses in the kitchen and dining area
- Won't leave a room smelling of strong chemicals
- Works on Soap Scum
- Works on a wide range of surfaces, both indoors and outdoors
- Works on -or- effective against -or- removes **insert stain(s)/soil(s) from Table 8**
- Works quickly
- You can be sure your -or- the surfaces are clean

Deodorization Claims

- Deodorizer [for Institutional Use]
- Deodorizes food odors [like garlic and onion] [left behind on kitchen surfaces] [after cooking]
- Deodorizes odors caused by bacteria [and mildew] -or- [and non-fresh foods]
- Kills odor causing bacteria in the kitchen -or- bathroom
- Removes odors
- [This product] will deodorize hard, nonporous surfaces ***insert surface[s] from Tables 1-6*** [in] ***insert use site(s) from Tables A-F*** [where obnoxious odors may develop]
- [This product] will deodorize surfaces in ***insert site(s) from Tables A-F*** and other places bacteria growth can cause malodors
- [This product] deodorizes areas that are hard to keep fresh smelling, such as ***insert use sites(s) from Tables A-F*** [, and other areas prone to odors caused by microorganisms]

Fragrance/Scent Descriptors and Claims

- [Citrus -and/or- Fresh -and/or- lemon -and/or- mist -and/or- scent][ed] [formula]
- Lightly scented -or- quick-dissipating scent
- For CSF A01:***
- Contains no [dyes -and/or- perfumes -and/or- fragrance -and/or- added colors]
- Dye-Free [and Fragrance-Free]
- Fragrance-Free
- [Free of perfumes & -or- and] clear of dyes
- No [Added] Dyes -or- Fragrance -or- Perfumes
- Perfume-Free
- Unscented

Disinfection Claims

- A combination disinfectant -and/or- deodorizer, and multi-purpose cleaner
- An effective disinfectant for use in the kitchen, bathroom, bedroom, and other areas
- Antibacterial [Formula]
- Antibacterial Formula Cleans and Disinfects
- Antibacterial -or- Germicidal Cleaner [on hard, nonporous surfaces] [for Kitchens and Bathrooms]
- Antibacterial -or- Germicidal [Formula]
- Broad Spectrum Disinfectant
- Can help reduce the spread of germs on surfaces
- Clean and disinfect in one easy step
- Cleaner, degreaser, disinfectant
- Cleaner and disinfectant in one
- [Cleans and] Disinfects
- Cleans, Disinfects & Deodorizes
- Cleans, Disinfects and Deodorizes in one easy step
- Demonstrated Effectiveness against **insert organism(s) from organism table** [on hard nonporous surfaces -or- on **insert surface(s) from Tables 1-6 -and/or- insert surface material(s) from Table 7**]
- Designed -or- developed to clean -and/or- disinfect -and/or- and deodorize surfaces after human messes -or- [liquid-and/or- solid] waste
- Designed -or- Developed to manage -or- handle -or- clean-up -and/or- disinfect after difficult -or- challenging -and/or- biological -or- bodily -or- messes -or- liquid -and/or- solid waste.
- Disinfect hard, nonporous surfaces after messes caused by -or- like bodily -or- biological fluids -or- vomit -and/or- urine -and/or- feces.
- Disinfectant
- Disinfectant Cleaner
- Disinfectant [for Institutional Use]
- Disinfects [Germs]
- Disinfects [washable] kitchen surfaces including killing [99.9% of] germs -and/or- bacteria -and/or- viruses‡ -and/or- fungi
- Easily clean and disinfect
- [For] Disinfecting
- [For] Germ Kill
- For handling tough messes -or- [liquid -and/or- solid] waste consider **insert ABN**, to clean, disinfect, and deodorize surfaces after human messes -or- [liquid -and/or- solid] waste
- For [Hospital] [Commercial] [Industrial] & Institutional Use [Only]
- For Healthcare Use
- For Hospital Use
- Fungicidal -or- Antifungal
- Germicidal against the following [organisms]: -or- [This product] kills the following [organisms]: -or- Disinfects against the following [organisms]: **insert organism(s) from organism table**
- Hard surface disinfectant
- Hospital disinfectant
- Kills [99.9% of] Bacteria
- Kills [99.9% of] Germs
- Kills [99.9% of] [kitchen] [bathroom] bacteria [in minutes]
- Kills [99.9% of] **insert organism(s) from organism table**
- Kills Avian Influenza A virus§
- Kills bacteria -or- germs -or- viruses‡ on washable kitchen -and/or- bathroom surfaces and fixtures
- Kills bacteria -or- germs -or- viruses‡ [while it cleans] [tough] [everyday] [kitchen] [bathroom] [messes]
- Kills bacteria -or- viruses‡
- Kills Flu Virus⁴ [Influenza A virus]
- Kills [household] bacteria [without bleaching]
- Kills Influenza A virus [, the virus that causes the common flu]
- Kills -or- Fights -or- is effective against **insert organism(s) from organism table** [on hard, nonporous surfaces -or- on **insert surface(s) from Tables 1-6 -and/or- insert surface material(s) from Table 7**]
- Kills [Salmonella enterica] [kitchen germs]
- Meets OSHA Bloodborne Pathogen Standards for HIV-1 and Hepatitis B
- Provides broad spectrum kill of gram negative and gram positive micro-organisms
- Quaternary Disinfectant Cleaner
- Ready to use cleaner and disinfectant
- Ready to use disinfectant cleaner
- Ready to use formula provides cleaning, disinfecting and deodorizing in one step
- Spray Trigger
- [This product] cleans, shines, deodorizes and disinfects hard nonporous surfaces -or- **insert surface(s) from Tables 1-6 -and/or- insert surface material(s) from Table 7**
- [This product] is a no rinse disinfectant cleaner that disinfects, cleans and deodorizes in one labor saving step
- [This product] is a Broad Spectrum disinfectant, bactericidal according to the AOAC Germicidal Spray Products test method
- This product [-or- product name] is designed specifically as a general non-acid -and/or- ready-to-use -and/or- non-abrasive cleaner and disinfectant for use in **insert use site(s) from Tables A-F where housekeeping is of prime importance in controlling the hazard of cross contamination.**
- This product [-or- product name] is formulated to disinfect hard, nonporous surfaces **insert surface(s) from Tables 1-6 -and/or- insert surface material(s) from Table 7**
- [This product] will disinfect hard, nonporous surfaces -or- [**insert surface(s) from: Tables 1-6 -and/or- insert surface material(s) from Table 7.** [in] **insert use sites(s) from Tables A-F**].
- **Use on non-critical surfaces in insert use site(s) from Tables A-F**
- Use [the] **insert ABN** -or- this product to clean and disinfect high-touch areas.
- Use [this product] to clean and disinfect nonporous **insert surface(s) from Tables 1-6 -and/or- insert surface material(s) from Table 7** [in **insert use site(s) from Tables A-F**]. [Rinse all equipment that comes in prolonged contact with skin before reuse with clean warm water (120° F), and allow to air dry. (Cleaning at 120° F temperature will avoid overheating and distortion of the personal safety equipment that would necessitate replacement.)]
- Unless otherwise noted, this product kills the following organisms on hard, nonporous, inanimate surfaces³ **insert organism(s) from organism table**
- Using approved EPA test methods (under Good Laboratory Practices, [GLPs]), in the presence of 5% blood serum, unless otherwise noted, this product -or- **product name** kills the following organisms on hard, nonporous inanimate surfaces **insert organism(s) from organism table**
- Virucidal‡ -or- Antiviral‡
- Virucidal‡ -and/or- Bactericidal -and/or- Pseudomonacidal -and/or- Fungicidal -and/or- Deodorizer -and/or- Mildewstatic

Emerging Viral Pathogen Claims

Product Name -or- this product qualifies for emerging pathogen claims against:

- Enveloped viruses
- Large non-enveloped viruses
- Small non-enveloped viruses

Product Name -or- this product has demonstrated effectiveness against viruses similar to ***insert name of emerging virus*** on hard, nonporous surfaces. Therefore, ***Product Name*** -or- this product can be used against ***insert name of emerging virus*** when used in accordance with the directions for use against ***insert name of supporting virus(es)*** on hard, nonporous surfaces. Refer to the ***Insert CDC -or- 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*** -or- this product kills similar viruses and therefore can be used against ***insert name of emerging virus*** when used in accordance with the directions for use against ***insert name of supporting virus(es)*** on hard, nonporous surfaces. Refer to the ***insert CDC -or- OIE*** website at ***insert pathogen-specific website address*** for additional information.

Organisms		
Bacteria:	Strain and/or ATCC	Contact Time
Acinetobacter baumannii [(A. baumannii)]	[ATCC 19606]	2 min[utes]
Acinetobacter calcoaceticus [(A. calcoaceticus)]	[ATCC 17902]	2 min[utes]
Bordetella bronchiseptica [(B. bronchiseptica)]	[ATCC 10580]	2 min[utes]
Burkholderia cepacia [(B. cepacia)]	[ATCC 25416]	2 min[utes]
Citrobacter freundii [(C. freundii)]	[ATCC 8090]	2 min[utes]
Community Associated Methicillin Resistant Staphylococcus aureus -or- CA-MRSA ¹	[NARSA NRS123 genotype USA400]	2 min[utes]
Corynebacterium ² [(C. stationis)]	[ATCC 6872]	2 min[utes]
Enterobacter aerogenes [(E. aerogenes)]	[ATCC 13048]	2 min[utes]
Enterobacter cloacae [(E. cloacae)]	[ATCC 13047]	2 min[utes]
Enterococcus faecalis [(E. faecalis)]	[ATCC 29212]	2 min[utes]
Enterococcus faecalis resistant to vancomycin ¹ -or- VRE ¹ -or- Vancomycin resistant E. faecalis ¹	[ATCC 51575]	2 min[utes]
Enterococcus faecium [(E. faecium)]	[ATCC 51559]	2 min[utes]
Enterococcus hirae [(E. hirae)]	[ATCC 10541]	2 min[utes]
Escherichia coli [(E. coli)]	[ATCC 11229]	2 min[utes]
Escherichia coli resistant to tetracycline ¹ -or- Tetracycline resistant E. coli ¹	[ATCC 47041]	2 min[utes]
ESBL (Extended Spectrum Beta Lactamase) producing Escherichia coli [(E. coli)]	[ATCC BAA-196]	2 min[utes]
Escherichia coli O157:H7 [(E. coli)]	[ATCC 35150]	2 min[utes]
Flavobacterium -or- Elizabethkingia meningosepticum [(F. -or- E. meningosepticum)]	[ATCC 13253]	2 min[utes]
Haemophilus influenzae [(H. influenzae)]	[ATCC 10211]	2 min[utes]
Hafnia alvei [(H. alvei)]	[ATCC 11604]	2 min[utes]
Klebsiella oxytoca resistant to Ampicillin ¹ -or- Ampicillin resistant K. oxytoca ¹	[ATCC 15764]	2 min[utes]
Klebsiella oxytoca [(K. oxytoca)]	[ATCC 13182]	2 min[utes]
Klebsiella pneumoniae [(K. pneumoniae)]	[ATCC 4352]	2 min[utes]
Legionella pneumophila [(L. pneumophila)]	[ATCC 33153]	2 min[utes]
Listeria monocytogenes [(L. monocytogenes)]	[ATCC 19117]	2 min[utes]
Micrococcus luteus [(M. luteus)]	[ATCC 14408]	2 min[utes]
Micrococcus -or- Kytococcus sedentarius [(M. -or- K. sedentarius)]	[ATCC 27573]	2 min[utes]
Pasteurella multocida [(P. multocida)]	[ATCC 12947]	2 min[utes]
Proteus mirabilis [(P. mirabilis)]	[ATCC 9240]	2 min[utes]
Proteus vulgaris [(P. vulgaris)]	[ATCC 9920]	2 min[utes]
Pseudomonas (Brevundimonas) diminuta [(P. diminuta) -or- (B. diminuta)]	[ATCC 13184]	2 min[utes]

	Strain and/or ATCC	Contact Time
Pseudomonas aeruginosa [(P. aeruginosa)]	[ATCC 15442]	2 min[utes]
Pseudomonas fluorescens [(P. fluorescens)]	[ATCC 13525]	2 min[utes]
Pseudomonas putida [(P. putida)]	[ATCC 49128]	2 min[utes]
Pseudomonas stutzeri [(P. stutzeri)]	[ATCC 11607]	2 min[utes]
Salmonella enterica [(S. enterica)]	[ATCC 10708]	2 min[utes]
Salmonella [enterica - serotype] enteritidis [(S. enteritidis)]	[ATCC 4931]	2 min[utes]
Salmonella [enterica - serovar] gallinarum [(S. gallinarum)]	[ATCC 9184]	2 min[utes]
Salmonella [enterica - serovar] paratyphi B [(S. paratyphi B)]	[ATCC 8759]	2 min[utes]
Salmonella [enterica - serovar] pullorum [(S. pullorum)]	[ATCC 19945]	2 min[utes]
Salmonella [enterica - serotype] typhi [(S. typhi)]	[ATCC 6539]	2 min[utes]
Salmonella [enterica - serotype] typhimurium [(S. typhimurium)]	[ATCC 23564]	2 min[utes]
Serratia liquefaciens [(S. liquefaciens)]	[ATCC 35551]	2 min[utes]
Serratia marcescens [(S. marcescens)]	[ATCC 14756]	2 min[utes]
Shigella dysenteriae [(S. dysenteriae)]	[ATCC 11835]	2 min[utes]
Shigella flexneri serotype 1B [(S. flexneri)]	[ATCC 9380]	2 min[utes]
Shigella sonnei [(S. sonnei)]	[ATCC 25931]	2 min[utes]
Staphylococcus aureus [(S. aureus)]	[ATCC 6538]	2 min[utes]
Staphylococcus aureus resistant to methicillin ¹ -or- MRSA ¹ -or- Methicillin Resistant S. aureus ¹	[ATCC 33592]	2 min[utes]
Staphylococcus aureus resistant to erythromycin, penicillin, tetracycline -or- [(Erythromycin, Penicillin, Tetracycline Resistant S. aureus)]	[ATCC 14154]	2 min[utes]
Staphylococcus aureus resistant to vancomycin ¹ -or- Vancomycin Resistant S. aureus ¹ (VRSA)	[NARSA VRS1]	2 min[utes]
Staphylococcus aureus [subsp. aureus] toxic shock toxin (TS)	[ATCC 33586]	2 min[utes]
Staphylococcus epidermidis resistant to methicillin ¹ -or- Methicillin Resistant S. epidermidis ¹	[ATCC 51625]	2 min[utes]
Streptococcus agalactiae [(S. agalactiae)]	[ATCC 13813]	2 min[utes]
Streptococcus mutans [(S. mutans)]	[ATCC 25175]	2 min[utes]
Streptococcus pneumoniae resistant to penicillin -or- [(Penicillin Resistant S. aureus)]	[ATCC 700677]	2 min[utes]
Streptococcus pyogenes (gp A) [(S. pyogenes)]	[ATCC 19615]	2 min[utes]
Streptococcus pyogenes	[Necrotizing Fasciitis Strain]	2 min[utes]
Vancomycin-Intermediate Staphylococcus aureus [(VISA)]	[CDC Clinical Isolate No. 99287]	2 min[utes]
Xanthomonas [(Stenotrophomonas)] maltophilia [(X. maltophilia)]	[ATCC 25596]	2 min[utes]
Yersinia enterocolitica [(Y. enterocolitica)]	[ATCC 23715]	2 min[utes]
Fungus	Strain and/or ATCC	Contact Time
Candida albicans [(C. albicans)]	[ATCC 10231]	2 min[utes]

Viruses Enveloped	Strain and/or ATCC	Contact Time
‡Avian infectious bronchitis virus	[Strain Beaudette IB42]	2 min[utes]
‡Avian Influenza A [(H3N2)] virus§ [(Avian Reassortant)]	[ATCC VR-2072, Strain A/Washington/897/80 X A/Mallard/New York/6750/78]	2 min[utes]
‡Avian Influenza A§ (H5N1)	[Strain VNH5N1-PR8/CDC-RG CDC #2006719965]	1 min[ute]
‡, ‡‡Bovine Viral Diarrhea virus (Hep[atitis] C surrogate)	[Strain Oregon C24V, -genotype 1]	1 min[ute]
‡Canine distemper virus	[ATCC VR-128, Strain Lederle]	2 min[utes]
‡Cytomegalovirus	[ATCC VR-538, Strain AD-169]	2 min[utes]
‡, ‡‡Duck hepatitis B virus (Human hepatitis B surrogate)	[Legarth strain]	1 min[ute]
‡Feline [viral] rhinotracheitis [virus]	[ATCC VR-636, Strain C-27]	2 min[utes]
‡Herpes simplex virus type 1	[ATCC VR-733, Strain F(1)]	2 min[utes]
‡Herpes simplex virus type 2	[ATCC VR-734, Strain G]	2 min[utes]
‡Human Coronavirus	[ATCC VR-740, Strain 229-E]	2 min[utes]
‡, ‡‡Human Immunodeficiency Virus type 1	[HTLV-IIIb strain]	1 min[ute]
‡Infectious bovine rhinotracheitis virus	[ATCC VR-188, Strain LA]	2 min[utes]
‡Influenza A virus[4]	[ATCC VR-544, Strain Hong Kong]	2 min[utes]
‡Newcastle disease virus	[ATCC VR-108, Strain B1]	2 min[utes]
‡Parainfluenza [virus] Type 3	[ATCC VR-93, Strain C243]	2 min[utes]
‡Pseudorabies virus	[ATCC VR-135, Strain Aujeszky]	2 min[utes]
‡Rabies virus	[Attenuated ERA strain]	30 sec[onds]
‡Respiratory syncytial virus [(RSV)]	[ATCC VR-26, Strain Long]	2 min[utes]
‡SARS-associated Coronavirus	[ZeptoMetrix]	2 min[utes]
‡Transmissible gastroenteritis virus (TGE)	[University of Minnesota]	2 min[utes]
‡Vaccinia virus	[ATCC VR-119, Strain WR]	2 min[utes]
Viruses Large Non-Enveloped		
‡Adenovirus type 2	[ATCC VR-846, Strain Adenoid 6]	3 min[utes]
Viruses Small Non-Enveloped		
‡Canine parvovirus	[ATCC VR-2017, Strain Cornell]	3 min[utes]
‡Feline Calicivirus (Norovirus -or- Norwalk) virus surrogate)	[University of Ottawa, Canada]	30 sec[onds]
‡Feline Picornavirus	[ATCC VR-649, Strain FRV (17-FRV)]	3 min[utes]
‡Hepatitis A virus [(HAV)]	[University of Ottawa, Canada]	10 min[utes]
‡Poliovirus	[ATCC VR-1000, Strain Brunhilde]	3 min[utes]
‡Rhinovirus [Type] 37	[ATCC VR-1147, Strain 151-1]	3 min[utes]

Table 1: Surfaces

baked enamel surfaces	copper	plastic and painted surfaces
bathrooms	floors	plastic surfaces
bathtubs	glazed ceramic tile	shower stalls
brass	glazed porcelain	stainless steel surfaces
cabinets	laminated surfaces	vinyl
chrome	metal surfaces	walls

[For plastic and painted surfaces, spot test on an inconspicuous area before use.] [For use in the kitchen on counters, sinks, exterior surfaces of appliances, and stovetops. A rinse with potable water is required for surfaces in direct contact with food. [In addition], this product [-or-product name] deodorizes those areas that generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, basements, restrooms and other areas which are prone to odors caused by microorganisms.]

Table A: Use Sites

Animal Life Science Laboratories	Locker Rooms	Public Restrooms
Athlete/Recreational Facilities	Lodging Establishments	Retail Businesses
Food Processing Plants	Manufacturing Facilities	Schools
Food Service Establishments [Restaurants] [Commercial Kitchens]	Nursing Homes	Shower Rooms
Homes	Office Buildings	Transportation Terminals
Hospitals	Operating Rooms	Veterinary Clinics
ICU Areas	Patient Rooms	
	Pet Shops	

Table 2 Medical Surfaces

air vents	counters	IV [stands] [pumps] [poles]
anesthesia machines	[crash] [emergency] carts	large surfaces
apheresis machines	crutches	loupes
autoclaves	desks	mammography equipment
bathroom doorknob[s]	desktops	[Mayo] [instrument] stands
bedpans	diagnostic equipment	med[ication] carts
bedpan cleaner	dialysis machines	computer mice
bedrails	edges of privacy curtains	mobile workstations
[bedside] commodes	exam[ination] tables	mouse pads
bedside tables	[exterior surfaces of] [handheld] [digital] [electronic] devices	MRI -or- Magnetic Resonance Imaging equipment
blood pressure cuffs	external surfaces of [medical] equipment -or- [medical] equipment surfaces	nurse-call [devices] [buttons] [and cords]
blood pressure (BP) monitors	[external] [surfaces of] ultrasound transducers [-and/or- probes]	operating room tables and lights
brush handles	footboards	operatory light switches
cabinet handles	glucometer exteriors	oxygen hoods
cabinets	grab bars	overbed tables
call boxes	gurneys	paddles
canes	hard, nonporous hospital -or- medical surfaces	pagers
CAT -or- Computerized Axial Tomography equipment	headboards	patient chairs
carts	high touch surfaces	pipes
chairs	[hospital -or- patient] bed(s) [springs] [railings] -or- linings -or- frames	[plastic] fly swatters
closet handles	infant incubators and care cribs	[plastic] mattress pads -or- covers
coated mattresses	[inner] [inside of] drawers	patient monitoring equipment
coated pillows	isolettes	patient support and delivery equipment
computer peripherals		phlebotomy trays
computer screens		physical therapy (pt) equipment surfaces
computer tables		power cords
cords		prescription container exteriors

pulse oximeters
PVC tubing
railings
reception counters -or- desks -or- areas
remote control[s] [exteriors]
respirator exteriors
respiratory therapy equipment
safety rails
scales
sequential compression devices
shower fixtures

side rails
slit lamps
small surfaces
spine backboards
stethoscopes
stools
stretchers
support bars
surfaces in and around toilets in patient rooms
tablet PCs

toilets
toilet handholds
traction devices
tubs
walls
walls [around toilet] [in patient rooms]
wash basins
wheelchairs
x-ray equipment

Personal Protective Safety Equipment - Use Surfaces

earmuffs
face shields
full-face breathing apparatus
gas masks
goggles
half-mask respirators

hard hats
protective headgear
silicone rubber -or- PVC hearing protectors
spectacles
vinyl covered 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. (Caution: Cleaning at the recommended 120°F temperature will avoid overheating and distortion of the personal safety equipment that would necessitate replacement.)

Table B Medical Use Sites

Ambulances -or- [Emergency Medical] Transport Vehicles
Anesthesia Rooms -or- Areas
[Assisted Living -or- Full Care] Nursing Homes
CAT Lab[oratories]
Central Service Areas
Central Supply Rooms -or- Areas
Critical Care Units -or- CCUs
Dialysis Clinics [Facilities]
Doctor's Offices
Donation Centers [blood] [plasma] [semen] [milk] [apheresis]
Emergency Rooms -or- ERs
Eye Surgical Centers
Health Care Settings -or- Facilities
Home Health Care [Settings]
Hospices

Hospitals
[Hospital] Kitchens
Intensive Care Units -or- ICU[s] [areas]
Laboratories
Laundry Rooms
Long Term Care Facilities
[Medical] Clinics [Facilities]
Medical Facilities
Medical -or- Physician's -or- Doctor's Offices
Newborn -or- Neonatal [Nurseries] [Intensive Care] Units [NICU]
Nursing Homes
Nursing -or- Nurses' Stations
Operating Rooms
Ophthalmic Offices
Orthopedics
Outpatient [Surgical Centers (OPSC)] [Clinics] [Facilities]

Patient Areas
Patient Restrooms
Patient Rooms
[Pediatric] Examination Rooms -or- Areas
Pediatric Intensive Care Units [PICU]
Pharmacies
Physicians' Offices
Physical Therapy Rooms -or- Areas
Psychiatric Facilities
Public 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

Table 3 Dental Surfaces

amalgamators -and/or- dental curing lights dental countertops dental operatory surfaces	dentists' -or- dental chairs dental unit instrument trays endodontic equipment such as apex locators	hard, nonporous dental surfaces light lens covers pulp testers and motors reception counters -or- desks -or- areas
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Table C Dental

Use Sites:

Dental Offices Examination Rooms	Dental Operatories	Dental -or- Dentists' Offices
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Table 4 Veterinary and Farm Surfaces

animal equipment automatic feeders cages external surfaces of [veterinary] equipment	feed racks fountains hard, nonporous veterinary surfaces pens	reception counters -or- desks -or- areas stalls troughs veterinary care surfaces watering appliances
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Table D Veterinary and Farm Use Sites

Animal Life Science Laboratories Animal [Pet] Housing [Kennels] [Facilities] Animal Holding Areas [Animal -or- Pet] Grooming Facilities Animal Transportation Vehicles Breeding Establishments [Crates &] Cages Dairy Farms Equine Farms	Farms Kennels Livestock -and/or- Swine -and/or- Poultry Facilities Pet Areas -or- Quarters Pet [Carriers] Pet Shops -or- Stores Small Animal Facilities Tack Shops	Veterinary Clinics -or- Facilities Veterinary -or- Animal Hospitals Veterinary Offices -or- Waiting Rooms Veterinary [Examination Rooms] Veterinary [X-ray Rooms] Veterinary [Operating Rooms] Zoos
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Table 5 Food Service Surfaces

any washable (food and non-food contact) surface where disinfection is required appliance exteriors dish racks drain boards food cases food trays freezers	hoods microwave exteriors oven exteriors plastic -or- metal outdoor furniture (excluding wood frames and upholstery) refrigerator exteriors salad bar sneeze guards stove[s] exteriors -or- stovetop	A potable water rinse is required for food contact surfaces. Do not use on glassware, utensils, or dishes.
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Table E Food Service Use Sites

Banquet Halls Bars Cafeterias Catering Facilities Commercial -or- Institutional Kitchens	Delis [Delicatessens] Fast Food Chains -or- Restaurants Food Preparation and Processing Areas Food [Service -or- Processing] Establishments	Food Serving Areas Other Food Service Establishments Restaurants School Kitchens
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Table 6 Miscellaneous/General Surfaces

appliance exterior[s] [surfaces]	drain boards	laminated surfaces	slides
appliance -or- cabinet knobs	drawer pulls	lamps	sports equipment
bassinets	dressing carts	large inflatable nonporous plastic -and/or- rubber [advertising] structures	stall doors
[bathroom] fixtures	elevator buttons	light fixtures -or- switches -or- panels	stereo consoles
[bathroom -and/or- kitchen] faucet[s] [handles]	enamel	lockers	stovetops -or- stove exteriors
[bath]tubs	exercise equipment	[medicine] cabinets	synthetic marble
bed frames	exercise machines	metal blinds	tables [tabletops]
boats	exercise mats	metal work benches	[tiled] walls
booster chairs	exhaust fans	microwave exterior	tires
bottoms of pots and pans	exterior -or- external toilet surfaces	moonwalks	toilet bowls
burner trays	exterior -or- external urinal surfaces	obstacle course play equipment	[toilet [flush]] [telephone] [cabinet] [dishwasher] [door] handles
cabinets	faucets	office machinery	toilet -and/or- urinal exterior[s] [surfaces] -or- exterior toilet surfaces
car interiors	fax machine[s] [handles]	office -or- bedroom -or- bedside furniture	toilet[s] [handle] [rims] [seats] [tops]
carts	[filing -and/or- medicine] cabinets	other telecommunication equipment [surfaces]	tools
ceilings	finished -or- painted woodwork	outdoor grill exteriors	towel dispensers
chairs	finished windowsills	outdoor -or- patio furniture	toy boxes -or- storage bins
[children's] furniture	fixtures	oven door exteriors	trailers
chrome	floors [around toilets]	painted surfaces	[training] toilets
chrome exterior surfaces of urinals -and/or- toilets	furniture	pet areas -or- surfaces	tray tables
closets	freezer exteriors	plastic laundry hampers -or- baskets	urinals
[clothes -and/or- diaper] hampers	garage surfaces	plastic patio furniture -or- lawn chairs	vanity tops -or- vanities
[common] hard, nonporous [household] surfaces	garbage -or- trash cans	[plastic] shower curtains	vehicles
compactors	glass	plastic surfaces associated with: floors, walls, fixtures, toilets, urinals, sinks, shower rooms and locker rooms	vending machine surfaces
computers	glass-topped furniture	playground equipment	[vinyl] linoleum -or- wallpaper
[computer] monitors	glazed ceramic [restroom surfaces]	playpens	urinals
cooler exteriors	[grocery [store] -or- supermarket] carts	portable toilets	walkers
counter[top]s	[grocery [store] -or- supermarket] cart handles	railing	[washable] floors [including linoleum, no-wax, vinyl, and glazed ceramic tile]
cupboards	[grocery [store] -or- supermarket] cart child seats	range hoods	washable kitchen surfaces
cribs	gym[nastic] equipment	recycling bins	washable walls
crystal (non-food contact areas)	hampers	refrigerator door handles	washers/dryers -or- washing machine exterior[s]
desk[s] [tops]	[hand]railings -or- rails	refrigerator exterior[s]	wastebaskets
[diaper -or- infant] changing [tables] -or- areas [stations]	hard, nonporous areas -or- surfaces behind and under counters -and/or- sinks	restroom fixtures	whirlpool tubs
diaper pails	[hard] plastic -or- vinyl	RVs	window [blinds] [shades]
dictating equipment [surfaces]	headsets high chairs (non-food contact areas) kennels and cages	seats	windows and mirrors
[dining -and/or- fast food -and/or- kitchen -and/or- picnic -and/or- play -and/or- restaurant -and/or- tray] tables	[kids'] play [structures -and/or- equipment -and/or- furniture -and/or- tables]	shelves [and drawers]	windshields
dining room surfaces -and/or- tables -and/or- fast food restaurant tables	[kitchen] appliance exteriors	shower[s] [area] [curtains] [doors] [stalls] [walls]signs	wrestling mats
door[s] [handle[s]] [frame[s]]		sink[s] [basins]	
doorknobs			

Table F Miscellaneous/General Use Sites

Airplanes [Airports]	[Garbage] [Waste] Storage Areas	Public Areas
Ambulances	Gas Stations	Public Facilities
Athletic [Recreational] Facilities	Greenhouses	Public Restrooms
Automobiles	Grocery Stores	Recreational Centers -or- Facilities
Barber Shops	Gymnasiums -or- Gyms	Rental Cars
Beauty Shops	Health Club[s] [Facilities]	Rest Stops
Basement[s]	Home[s]	Restaurants
Bathroom[s] -or- Locker Room	Home Centers	Restrooms -or- Restroom Areas
Facilities	Home Healthcare [Settings]	Retail Businesses
Beauty Salons	Hotels	Retail and Wholesale Establishments
Bedroom[s]	Industrial Facilities	[Retail] [Wholesale] Florists
Blood Banks	Institutional [Kitchen[s]] [Bathrooms]	Rocking chairs
Boats	[Institutional] Laundromats	School Buses
Bowling Alleys	Institutions	Schools
Buses	Kennels	Scooters (Avoid wetting plug or charging port by covering with a towel) <i>“Avoid wetting plug or charging port by covering with a towel” is not optional text.</i>
Butcher Shops	Kitchen[s] [Surfaces]	Shelters
Cafeterias	Laboratories	Shippers
Campers	Laundromats	Ships
Campgrounds	Laundry Rooms	Shopping Centers -or- carts
Cars	Lavatories	Shops
Churches	Locker Rooms	Shower Rooms
Colleges	Lodging Establishment	Spas [Massage/Facial] [Hair/Nail] [Salons]
Convenience Stores	Lounges	Sports Arenas
Convention Centers	Malls	Sports Stadiums
Correctional Facilities	[Manufacturing] Plants	Steering wheel[s]
Cruise Ships	Manufacturing Plants -or- Facilities	Storage Rooms -or- Areas
Dashboard[s]	Markets	Subways
Dairy Farms	Mass Merchandisers, Discount Retailers	Supermarkets
[Damp] Storage Areas	-and/or- General Merchandise Stores	Tattoo Parlors
Day Care Centers	Military Installations	Toolsheds
Dens	Mobile Homes	Transportation Terminals
Dining -or- Living Room[s]	Mortuaries	Trains
Dorms	Motels	Trolleys
Dormitories	Motor Homes	Universities
Elevators	Mudrooms	Vacation Homes
Emergency Vehicles	Nurseries	Warehouse Clubs
Empty Garbage Bins	Office[s] [Buildings]	Zoos
Factories	Packing Benches	A potable water rinse is required for food contact surfaces.
Fast Food Restaurants	Pet Animal Quarters	Do not use on glassware, utensils, or dishes.
Floors and Walls of Coolers	Pet Areas	
Flower Buckets	Pet Shops and Other Animal Care Facilities	
[Food Processing] Plants	Pharmacies	
Food Storage Areas	Play Areas -or- Rooms	
Funeral Homes	Playgrounds	
Garages	[Police -and/or- Fire] Vehicles	
Garage Storage Areas	[Portable] Bathroom[s]	
Garbage Cans	Produce Areas	

Table 7 Surface Materials

[baked] enamel	glazed tile	sealed granite	-or- Avoid Contact With:
brass	linoleum, no-wax, vinyl, and	sealed marble	natural marble
chrome	glazed ceramic tile	sealed wood	paper surfaces
copper	Marlite [®] [^{λλλ}]	silver	rubber
finished hardwood	metal	stainless steel	unfinished wood
Formica [®] [^{λλ}]	Naugahyde [®] [^{λλλλ}]	synthetic marble	
glass	plastic [laminated]	vinyl [tile]	
glazed ceramic [tile [s]]	Plexiglass [®] [^{οοο}]		
glazed porcelain [tiling -or- tile]	sealed fiberglass [polyester,		
glazed porcelain enamel	vinylester and epoxy resins]	Not Recommended For Use On	

Table 8: Stains/Soils

[Automotive] [Splattered] Grease	Dirt	Mucus	Spit[tile]
Bathtub Ring	Fecal matter	Mud	Sputum
Beverage Stains	Feces	Outdoor Grime	Sticky Food Messes -or- Spills
Bodily Fluids	Fingerprints	Pen -or- Ink [Marks]	Stool
Body oils	Food -or- Greasy -or- Oily Spills	Pet Stains	Throw-Up
[Common] soils	-or- Splatters -or- Messes	Phlegm	Tough Soils
Cosmetics	[Food] stains	Protein-based matter	Urine
Crayon and Pencil [Marks]	Grime	Saliva	Vomit
Dead skin	Heel Marks -or- scuffs	Smudges	Wine Stains
Defecation	Juice Stains	Soap Scum	

Footnotes

¹ Antibiotic Resistant Bacteria

² **(tested as *Corynebacterium ammoniogenes*)**

³ Using approved AOAC test methods (under Good Laboratory Practices) in the presence of 5% blood serum.

⁴ Influenza A virus

‡ Bloodborne Pathogens

§ Kills Avian Influenza A virus on precleaned hard, nonporous surfaces

‡ Viruses

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