



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

EPA Reg. Number:

67619-36

Date of Issuance:

5/3/17

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
 (under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Troll

Name and Address of Registrant (include ZIP Code):

Evelyn Lawson  
 Federal Registration Specialist  
 Clorox Professional Products Company  
 P.O. Box 493  
 Pleasanton, CA 94566

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

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

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

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

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

Signature of Approving Official:

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

Date:

5/3/17

2. You are required to comply with the data requirements described in the DCI identified below:
  - a. ADBAC GDCI-069104-30881
  - b. ADBAC GDCI-069154-30906

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>

3. Make the following label changes before you release the product for shipment:
    - Revise the EPA Registration Number to read, “EPA Reg. No. 67619-36.”
  4. Submit one copy of the final printed label for the record before you release the product for shipment.
- B. 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](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 of 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:
        1. CDC Current Outbreak List for “U.S. Based Outbreaks” ([www.cdc.gov/outbreaks](http://www.cdc.gov/outbreaks)),

2. CDC Current Outbreak list for “Outbreaks Affecting International Travelers” with an “Alert” or “Advisory” classification ([www.cdc.gov/oubreaks](http://www.cdc.gov/oubreaks)) (also released through the CDC’s Health Alert Network (HAN) notification process),
  3. Healthcare-Associated Infections (HAIs) Outbreaks and Patient Notifications page ([www.cdc.gov/hai/outbreaks](http://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/Deaseinformation/WI](http://www.oie.int/wahis_2/public/wahid.php/Deaseinformation/WI))
- b. 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 subgroup is large non-enveloped or enveloped.
  - c. 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 B.3.a. of an outbreak of an emerging viral pathogen meeting all of the criteria of term B.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 B.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.
  5. Terms B.1 through B.4 above shall become immediately void and ineffective if registration for use against *Feline Calicivirus* 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.

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

- Basic CSF dated 1/24/2017
- Alternate CSF 1 dated 1/24/2017

The following alternate brand names have been added to the product record:

- "Clorox Healthcare VersaCare Alcohol-Free Disinfectant Cleaner Spray"
- "Clorox Healthcare VersaSure Alcohol-Free Disinfectant Cleaner Spray"

If you have any questions, please contact Tara Flint via email at [flint.tara@epa.gov](mailto:flint.tara@epa.gov) or Eric Miederhoff at [Miederhoff.eric@epa.gov](mailto:Miederhoff.eric@epa.gov).

Enclosure

# Troll

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION:**

Read complete directions and precautions on package  
-and/or- rear -or- back -or- side panel[s] -and/or- attached  
complete label

ACTIVE INGREDIENT:

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

Dimethyl Benzyl Ammonium Chloride ..... 0.25%

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

Dimethyl Ethylbenzyl Ammonium Chloride ..... 0.25%

OTHER INGREDIENTS:..... 99.50%

TOTAL:..... 100.00%

Contains no phosphorus  
-or- Does not contain phosphorus

[NET] [CONTENTS]\_\_\_\_\_

**ACCEPTED**

05/03/2017

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under

EPA Reg. No. 67619-36

**PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**FIRST AID: IF ON SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. **IF 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. 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 when going for treatment. You may also contact: 1-800-446-1014 for emergency medical treatment information.

**Commercial/Institutional/Industrial (Refillable bottles)**

**STORAGE AND DISPOSAL:** Do Not Contaminate Water, Food or Feed by Storage and Disposal. **Storage:** Store out of reach of children or persons unfamiliar with its use. **Pesticide Disposal:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility. **Container Disposal:** Do not reuse or refill except as described in the directions for use. Offer for recycling if available or place in trash..

**Commercial/Institutional/Industrial (Bottles used to refill trigger/nonrefillable container)**

**STORAGE AND DISPOSAL:** Do Not Contaminate Water, Food or Feed by Storage and Disposal. **Storage:** Store out of reach of children or persons unfamiliar with its use. **Pesticide Disposal:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility. **Container Disposal:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available or place in trash.

For more product ingredient information, visit [IngredientsInside.com](http://IngredientsInside.com).

Visit us at [www.cloroxprofessional.com](http://www.cloroxprofessional.com).

For SDS information, please visit insert website.

Questions [? -or- or] Comments? or Call [Toll Free] (888) 797-7225 -or- (800) 227-1860 -or- 1-800-292-2200 -or- insert toll free number.

Write us at:

Clorox Consumer Services

P.O. Box 24305

Oakland, CA 94623

"Clorox" is a registered trademark of The Clorox Company.

Clorox Healthcare is a [registered] trademark of Clorox Professional Products Company

Mfd. for & © YYYY Clorox Professional Products Company

1221 Broadway, Oakland, CA 94612

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

EPA Reg. No. 67619-XX

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); 40873-GA-1 (JT); 58455-IN-1 (C6), IN-2 (O2); 62401-NJ-1 (JW); 71681-IL-1 (O3), IL-2 (24); 74750-GA1 (JJ)

Beginning of batch code indicates Est. No.

**Optional graphics. May be placed anywhere on label/container.**



[[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 Statements and Icons:**



**Padlock icon unlocked and locked (on bottle shrink) with corresponding arrow (molded into trigger)**

[Peel] [Pull back] [here] [for additional instructions] -or- Peel for [additional] directions [for use]

**[Refill only with this product]**

**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 -or- area until it is covered with the solution. Rub -or- wipe with brush -or- paper towel -or- sponge -or- lint-free cloth -or- cloth. [When almost empty, -or- To spray every drop[,][:] tilt bottle downward -or- at a downward angle [while spraying].]

- [To foam (close screen on nozzle) or spray (open screen on nozzle)].
- To Foam -or- Spray: Turn -or- Rotate nozzle to ON.

**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 to minimize product spills -or- waste.]

**[Use]** [3.] Replace trigger sprayer [and use as you normally would.] -or-

[Remove trigger sprayer from empty bottle,] [u]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.

[Refill only with this product.]

**Alternate for Refill Bottle:** To Refill [Spray Bottles]:

**To refill:** Turn trigger on spray bottle [1/8th turn] counterclockwise [and pull upwards] to remove. [After refilling spray bottle,] Replace trigger by aligning tube on trigger with [opening] [tube] inside bottle [and turn clockwise] [while pushing down] [-and/or- push [sprayer] [straight] down [until it clicks] [-and/or- locks into place]].

**Trigger options: 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].



## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.  
Do not use to disinfect appliances, refrigerator interiors or microwave oven interiors. Do not use on dishes, glasses or utensils.

[Always refer to manufacturer's care instructions before using on [equipment] -or- [devices].]

**To Disinfect, [[and] Clean] [and Deodorize] hard, nonporous surfaces:** For heavily soiled surfaces a precleaning step is required. Spray [6" - 8" from surface] until surface is completely wet. Allow this product to remain wet for contact time listed on label -or- on organism table. Wipe with a clean paper towel or allow to air dry. For food contact surfaces, rinse with potable water. For all other surfaces no rinsing is required. If streaking is observed wipe with a clean, damp cloth -and/or- microfiber cloth -and/or- paper towel.

**To Disinfect Non-Critical hard, nonporous surfaces of Pre-Cleaned Instruments:** Instruments must be thoroughly precleaned to remove excess organic debris, rinsed, and rough dried. Spray all surfaces of instruments with this product until thoroughly wet. Let stand for contact time listed below -or- on label -or- on organism table. Wipe with a clean, damp cloth or paper towel and allow to air dry. ***If this set of directions for use is used on label, there will be a table of microorganisms that includes contact times listed on the label for the user to see***

### **To Preclean Instruments Prior to Terminal Sterilization/High Level Disinfection:**

**As a pre-cleaning spray** Place instruments into a suitable container. Spray **Product Name** -or- this product onto instruments to thoroughly wet all surfaces. Let stand for up to 2 min[utes]. Rinse instruments.

**As a pre-cleaning immersion solution** - Fill appropriate size container with a sufficient amount of **Product Name** -or- this product to completely submerge instruments. Place instruments into the container of Product Name -or- this product, cover, and allow to soak for up to 10 min[utes]. Remove and rinse, and follow with an appropriate cleaning and disinfecting process. Change solution daily.

**As a manual instrument cleaner** - Thoroughly pre-rinse dirty instruments under running water to remove visible, gross debris. Immerse pre-rinsed instruments into an appropriate size container filled with **Product Name** -or- this product. Scrub instruments using a stiff bristle brush until visibly clean. Submerge instruments while scrubbing. Rinse instruments thoroughly. Change solution daily. Follow with an appropriate disinfection process. Cleaning of critical and semi-critical devices must be followed by an appropriate terminal sterilization/high-level disinfection process.

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

### ***The following is only for products with medical devices listed on the label:***

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.

### ***Special Instructions for Use against HIV, HBV and HCV***

This product kills HIV, HBV and HCV on precleaned hard, nonporous surfaces/objects previously soiled with blood/body fluids in health care settings or other settings in which there is an expected likelihood of soiling of hard, nonporous surfaces/objects with blood or body fluids, and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV-1), Human Hepatitis B Virus (HBV) and Human Hepatitis C Virus (HCV).

### **Special instructions for using this product to clean and decontaminate against HIV, 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 surfaces to remain wet for 1 min[ute], [rinse and] let air dry. For all other organisms, see directions for contact times.

**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.



### Hospitals/Healthcare facilities

This product [-or- *product name*] cleans, disinfects and deodorizes hard, nonporous [hospital -and/or- medical] surfaces in one step [with no rinsing required]. ***If HIV, HBV, and/or HCV listed on label must also add the following sentence:*** Refer to Special Instructions for Use against HIV, HBV and HCV.

This product -or- *product name* is a one-step [hospital-use] germicidal [disinfectant] cleaner and deodorant [odor counteractant -and/or- neutralizer] designed for general cleaning, [and] disinfecting [deodorizing] [of] hard, nonporous surfaces. Removes dirt, grime, fungus, 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 -or- *product name* is a ready to use [broad spectrum -and/or- germicidal -and/or- disinfectant] cleaner and deodorizer designed for general cleaning [and] disinfecting [deodorizing] [of] hard, nonporous surfaces. Removes dirt, grime, food residue, blood and other organic matter commonly found in hospitals -and/or- in healthcare facilities [on medical surfaces].

**Ultrasound Transducers:** For use on external surfaces of Ultrasound Transducers only To disinfect: Pre-clean ultrasound gel from external transducer to be disinfected by using a clean wash cloth. Then spray until the probe is thoroughly wet. Treated surface must remain visibly wet for a full two (2) minutes. Use additional wipe[s] if needed to assure continuous 2 minute wet contact time. Let air dry.

**To disinfect hard, nonporous food processing premises:** Floors, walls and storage areas, [hold container six to eight -or- 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 [for] [contact time listed [on label] [2 min[utes]]]. 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 protected prior to using this product.

**Animal housing facilities [and poultry and swine premises] hard, nonporous surfaces:** This product -or- *product name* removes dirt, grime, fungus, 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 surfaces in one step. Its non-abrasive formula is designed for use on -or- [Use daily on] [Use daily to clean and disinfect] hard, nonporous 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. **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. Spray the surfaces with the disinfecting solution for [contact time listed [below] [or] [on label] [2 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 scrubbed with soap or detergent and rinsed with potable water before reuse.

**To Clean and Disinfect in a Veterinary Application:** Use to clean and disinfect hard, nonporous surfaces such as feeding and watering equipment, cages, utensils, instruments, kennels, stables, catteries, etc. Remove all animals and need from premises, animal transportation vehicles, crates, etc. Remove all litter, droppings, and manure from walls, floors, and surfaces of facilities occupied or traversed by animals. Empty all feeding and watering equipment. Preclean all surfaces with soap or detergent and rinse with water. Spray surfaces with ***this product*** and let stand [for] 2 min[utes]. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treated surfaces have been thoroughly rinsed with water and allowed to dry. Thoroughly scrub all treating, feeding, and watering appliances with soap or detergent, and rinse with potable water before re-use.

**Poultry Houses, Brooders And Hatcheries To Disinfect [And Deodorize] Hard, Non-Porous Surfaces [Against Avian Influenza A Virus]:**  
**Poultry House:** Remove all animals and feeds from premises and enclosures such as coops or cages. Remove all litter, droppings, and manure from walls, tables, surfaces of coops, cages, and other facilities and fixtures occupied or traversed by animals. Empty all troughs, racks, and other feeding and watering applications. Thoroughly clean all surfaces with soap or detergent and rinse with water. Thoroughly wet surfaces by spraying the treated surface to remain wet for 30 sec[onds]. After application, ventilate coops and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set, or dried. Thoroughly scrub all treated feed racks, mangers, automatic feeders, fountains and waterers with soap or detergent and rinse with potable water before reuse. **Hatcheries:** Remove all animals and feeds from the premises and enclosures. Pre-clean all surfaces such as hatches, setters, trays, racks, carts, sexing tables, and other hard surfaces with soap and detergent and rinse with water. Then, thoroughly wet surfaces by spraying treated surfaces to remain wet for 30 sec[onds]. After application, ventilate coops and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set, or dried. Thoroughly scrub all treated feed racks, mangers, automatic feeders, fountains and waterers with soap or detergent and rinse with potable water before reuse.

### ***Soft Surface Sanitization***

**To Sanitize Soft Surfaces [(Fabrics)]:** Hold bottle upright [6" -or- in[ches] -8" -or- in[ches]] from surface. Spray until fabric is wet. **DO NOT SATURATE.** Let stand [for] 2 min[utes]. Allow to air dry. [For difficult odors or heavy fabrics, repeat application.] [Reapply as necessary.] [Gross -or- heavy] soil must be removed prior to sanitizing.

### ***Cleaning And General Use***

**General [Kitchen/Bathroom/Floor] Cleaning:** [Remove cooking ingredients and cooked food from areas to be cleaned.] Spray product directly onto soils and wipe clean. -or- Directly apply [this product] with a cloth, microfiber cloth, sponge, mop, or trigger sprayer to completely wet surface and wipe clean. [For surfaces that may come in contact with food, a potable water rinse is required.] Repeat for heavily soiled areas. For stubborn stains or heavily soiled areas or tougher jobs, allow product to penetrate [dirt] before wiping.

**To Clean/Remove Soap Scum:** Spray product onto soils and wipe clean [with a dry paper towel or lint-free cloth or microfiber 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- Floors:** Spray soiled area, then wipe clean. -or- For spot cleaning, spray and wipe clean with damp sponge -or- mop or cloth.

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

**To Deodorize:** Spray until thoroughly wet. -or- Apply [this product] with [trigger sprayer] to completely wet all surfaces. Then wipe -or- allow to air dry. For heavily soiled areas, a precleaning is required.

**General Cleaning 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**

- Alcohol-Free
- Bleach-Free
- Cleans [tough stains]
- Cleans with minimal residue
- Cleans and disinfects without alcohol
- Compatible with a wide variety of surfaces  
Check CloroxCompatible.com
- [Compatible with -or- suitable] [F]for use on equipment surfaces
- Compatible with -or- suitable for use on [hospital] surfaces [(*insert surface(s) from Tables 1-5*)] -and/or- *surface material(s) from Table 6*
- Contains Detergent -or- surfactant
- Convenient
- Cuts -or- Removes [grease] [grime] [soap scum] [without scratching surfaces]
- Cuts cleaning time
- Daily cleaning
- Delivers consistent [amount of solution] concentration every time[!]
- [Designed] [for] [with] [the] Environmental Services Professional[s] [in] [mind][!]
- [Designed] For daily use -or- Use for daily [or] [discharge] cleaning [in Healthcare facilities]
- [Does not contain] Acetone [Free]
- [Does not contain] Acid [Free]
- [Does not contain] Alcohol [Free]
- [Does not contain] Butanol [Free]
- [Does not contain] Chlorine [Free]
- [Does not contain] Fragrance [Free]
- [Does not contain] [Hydrogen] Peroxide [Free]
- Does not contain isopropyl or ethyl alcohol
- Does not contain nonylphenol ethoxylates (NPEs) -and/or- alkylphenol ethoxylates (APEs)
- [Does not contain] Phenol [Free]
- [Does not contain] Phosphate [Free]
- Does not denature plastics
- [Does not [doesn't] contain] [Chlorine] Bleach [Free]
- Does not require [the hassle of] dispensing systems
- Easy [and] [convenient to use] [to handle]
- Effective [every day] [multisurface] [all facilities] cleaner
- Effective cleaning on dried blood
- Effective removal of contrast solution
- Eliminates [daily] mixing and measuring
- EVS [Environmental Services] [use]
- [Excellent] [Broad] surface compatibility
- Fast strong cleaning
- For direct application
- [For] general use
- For Health club use: treadmill handles, elliptical handles, exercise bikes, gym equipment
- For Hotel Use: Remote Controls[#], telephones[#]
- For Office use: keyboard, telephone#, office equipment
- For use on bathroom surfaces
- For use on nursery surfaces
- Fragrance free
- Great [excellent] cleaning
- Help make your room Clorox® clean
- Ideal for -or- Can be used on alcohol sensitive surfaces
- Ideal for use around patients and staff
- Leaves no solid residue
- Low residue [formula]
- Makes cleaning easier
- Multi surface cleaner disinfectant
- No added perfumes [or dyes]
- No harsh chemical [smell] [odor] or fumes
- No -or- low residue
- No phosphates
- No rinsing
- Non-[chlorine] bleach
- Non-abrasive
- Non-combustible
- Non-corrosive
- Non-flammable
- Perfect -or- great -or- ideal for [portable] [mobile] equipment[#]
- Prevents formulation errors
- Proof is in the clean
- Quaternary Ammonium [Quat] Based -or- [Formulation] [product]
- Recyclable [bottle] [product container]
- Removes -and/or- Cleans the following: *insert stain(s)/soil(s) from list*
- Removes dried on [blood] stains
- Removes [tough] stains
- Safe for use on [the following surface materials[:]] *insert surface material(s) from Table 6*
- [Strong enough] [Effective] for [the -or your] isolation room
- [The] Smell of clean
- Shelf-stable formula
- Streak free
- Suitable for use on [titanium-coated -and/or- medical grade] stainless steel
- Suitable for use on hard, nonporous surfaces
- Suitable -or- Great for use on *insert surface material(s) from Table 6*
- [The] smell of clean
- This Product cleans major soils
- This product -or- *product name* is designed specifically as a general [ready-to-use] [non-abrasive] cleaner and disinfectant for use in[:] *insert use site(s) from Tables A-E*
- This product [*product name*] is formulated to disinfect hard, nonporous surfaces[:] *insert use site(s) from Tables 1-5*
- This room is Clorox clean
- Value size

General Stains -and/or- Soils:

[Automotive -and/or- Splattered] Grease  
 Bathtub ring  
 Blood  
 Body oils  
 Cleans bathroom soils  
 Cleans blood stains  
 Cleans fingerprints  
 Cleans food stains  
 Cleans grease and grime  
 Coffee [stains]  
 Dead skin

Dirt  
 Fecal matter  
 Fingerprints  
 Food -or- Beverage stains  
 Food -or- Greasy -or- Oily spills -or- Splatters -or- Messes  
 Food residue[s] -or- soil[s]  
 Fruit [stains]  
 Grease  
 Grime  
 Laboratory stains

Mildew stains  
 Mold stains  
 [Other] common soils -and/or- stains  
 [Other] organic matter  
 Smudges  
 Sticky Food Messes -or- Spills  
 Tea [stains]  
 Tough Soils  
 Urine

***Deodorizing 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**

- Deodorizer
- Deodorizes *insert surface(s) from Tables 1-5 -and/or- insert surface material(s) from Table 6*
- Doesn't just mask odors, eliminates them [at their source]
- Eliminates [and] [Removes] odors [at their source]
- Low odor

***Packaging/Dispensing 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**

- [Access] [to] [Every] Last Drop Access
- Align to close
- [Be] [Get] RefillSmart<sup>™</sup>[!]
- Bottle[s] made from up to X% recycled plastic
- Get -or- Spray Every [Last] Drop[!]<sup>™</sup>
- Last Drop Access
- No mixing required
- No Waste -or- Wasteless Bottle
- Patented design bottle
- Portable usage
- Recyclable bottle
- Recyclable packaging
- Reduces leaking -or- leaks
- Smart Tube<sup>®</sup><sup>™</sup> Technology
- Uses post consumer material

### Disinfection 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**

- [2 min[ute]] broad spectrum no-rinse disinfectant for non-food contact surfaces
- A disinfectant liquid for use on **insert surface(s) from Tables 1-5 -and/or- insert surface material(s) from Table 6**
- Aids in reducing -or- in the reduction of cross-contamination between treated surfaces
- Appropriate -or- Perfect -or- Great -or- Ideal for Terminal Cleaning
- Bactericidal -and/or- Virucidal† -and/or- Fungicidal
- Bactericidal -and/or- Virucidal† -and/or- Fungicidal -and/or- Disinfectant -and/or- Germicidal
- [Cleans and] disinfects **insert surface(s) from Tables 1-5**
- [Cleans and] disinfects [hard, nonporous surfaces]
- [Cleans] [disinfects] 99% of cold viruses<sup>4,†</sup> -and/or- flu viruses<sup>5</sup>
- [Effective against] [kills] **insert number up to 49** number of pathogens
- [Effectively] disinfects [hard, nonporous] surfaces
- [The] easy -and/or- convenient way to disinfect
- [This product] controls the spread of germs on treated hard, nonporous surfaces
- 2 min[ute] contact -or- kill time
- Aids in reducing -or- in the reduction of cross-contamination between treated surfaces
- Antibacterial
- Bacteria -and/or- virus<sup>‡</sup> -and/or- germ fighting [formula]
- Bathroom disinfectant
- Can help reduce the risk of cross contamination on treated surfaces
- Clean -and/or- disinfect on the go
- Cleans and disinfects in one-step<sup>‡</sup>
- Daily defense against germs -or- pathogens
- Daily use product
- Designed for healthcare
- Disinfect in 2 min[utes]
- Disinfection technology
- Easy [and] [convenient] disinfecting
- Easy and convenient disinfecting [throughout the **insert use sites(s) from Tables A-E**]
- Effective against -or- Kills **insert organism(s) from table** [in the presence of organic soil [(5% blood serum)]]
- Effective against -or- Kills Staphylococcus aureus, Salmonella enterica, [and] Pseudomonas aeruginosa [in the presence of organic soil [(5% blood serum)]]
- Effective against -or- Kills a wide range of bacteria [in the presence of organic soil [(5% blood serum)]]
- Effective against Multidrug Resistant Organisms [MDROs]<sup>7</sup>
- Effective against tough non-enveloped viruses<sup>‡</sup>
- Effective against Norovirus [and Rotavirus]
- Eliminates -or- Reduces odors [caused by germs -or- bacteria]
- Exhibits effective virucidal<sup>†</sup> activity
- Fight[s] -and/or- Kill[s] -and/or- Effective against **insert organism(s) from organism table** [in **insert appropriate contact time for respective organism**].
- Fight[s] -and/or- kill[s] -and/or- Effective against [99.9% [of]] Escherichia coli [(E. coli)]
- Fight[s] -and/or- kill[s] -and/or- Effective against [99.9% [of]] Salmonella enterica [(Salmonella)]
- Fight[s] -and/or- kill[s] -and/or- Effective against Hepatitis A (HAV)
- Fight[s] -and/or- kill[s] -and/or- Effective against Avian flu virus [on hard, nonporous surfaces]
- Fight[s] -and/or- kill[s] -and/or- Effective against cold [virus][es]<sup>4</sup> -and/or- flu [virus][es]<sup>5</sup>
- Fight[s] -and/or- kill[s] -and/or- Effective against cold [virus][es]<sup>4</sup> -and/or- flu [virus][es]<sup>5</sup>
- Fight[s] -and/or- kills[s] -and/or- Effective against measles virus on hard, nonporous surfaces
- Fight[s] -and/or- stop[s] -and/or- help[s] reduce[s] the spread of [99.9% of] bacteria -and/or- viruses<sup>‡</sup> -and/or- germs on hard, nonporous surfaces [in your **insert use site(s) from Tables A-E**] [this cold -and/or- flu season]
- For daily defense in your hospital
- For healthcare use
- For hospital use
- For terminal cleaning
- Just one step<sup>‡</sup> kills 99.9% bacteria
- Kills -or- Destroys -or- Effective against germs -and/or- viruses<sup>‡</sup> -and/or- bacteria
- Kills -or- Disinfects -or- Is effective against **insert organism(s) from organism tables**
- Kills **insert number up to 49** pathogens -or- organisms in Y time
- Kills -or- effective against CRE<sup>6</sup> [(Carbapenem-resistant Enterobacteriaceae)]
- Kills **insert organism(s) from organism table** in **insert contact time**
- Kills a wide range of pathogens<sup>\*\*</sup>
- Kills bacteria and viruses<sup>‡</sup> in [as short as -or- as little as] 2 min[utes]
- Kills bloodborne pathogens <sup>‡‡</sup>
- Kills Influenza A virus
- Kills fungi
- Kills Influenza A (H1N1) virus
- Kills MDROs<sup>7</sup>
- Kills common causes of flu viruses<sup>5</sup> [in the U.S.]
- Kills Norovirus[, a pathogen -or- organism commonly spread through surfaces]
- Kills -or- removes germs
- Kills -or- eliminates -or- destroys -or- removes -or- attacks -or- gets rid of 99.9% bacteria -and/or- germs -and/or- viruses<sup>‡</sup> [from **insert surface(s) from Tables 1-5**] [on hard, nonporous surfaces]
- Kills Pandemic 2009 H1N1 influenza A virus (formerly called swine flu).
- Kills the organism that causes whooping cough<sup>\*\*\*</sup> on hard, nonporous surfaces
- Kills Trichophyton mentagrophytes
- Kills Viruses<sup>‡</sup> [and Bacteria] in 2 min[utes]
- Meets [the disinfection requirements of] OSHA[’s] Bloodborne Pathogen Guidelines -or- Standards
- Multi-purpose disinfectant
- No mixing, measuring, or rinsing required
- One-step disinfectant cleaner designed for general cleaning and disinfecting hard, nonporous surfaces in health care facilities -or- **insert use site(s) from Table E**
- Proven disinfection technology
- [Proven] One-step cleaner disinfectant<sup>‡</sup>
- Quaternary disinfectant cleaner
- Ready to use disinfectant cleaner
- [Refer to] see [Clorox®] [Terminal] [Cleaning] protocol for additional [cleaning] information

- The complete -and/or- total -and/or- all facility answer to your disinfecting needs
- The answer to your disinfecting needs
- This product meets EPA efficacy testing requirements -or- standards for hospital disinfection
- Tough on germs, easy to use around patient[s] [areas]
- Tough on germs, easy on surfaces
- Tough on germs, [excellent -or- ideal -or- perfect -or- great] for [everyday use]
- Two in one -or- 2 in 1, cleaning and disinfecting
- Two in one -or- 2 in 1, no sacrifice on cleaning and disinfecting
- Use -or- cleans and disinfects on healthcare surfaces
- Use in places you are concerned about bacteria -and/or- viruses<sup>‡</sup> -and/or- germs
- Use in public -or- common places where [bacteria -and/or- viruses<sup>‡</sup> -and/or- germs may be of concern] [you are concerned about bacteria -and/or- viruses<sup>‡</sup> -and/or- germs] [on hard, nonporous surfaces]
- Use where control of the hazards of cross-contamination between treated surfaces is of prime importance
- Versatile cleaner disinfectant

### Emerging Viral Pathogen Claims

**Product Name** -or- this product meets the criteria for use against the following categories of emerging viral pathogens when used according to the Feline Calicivirus use directions:

- Enveloped viruses
- Large 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.

### Soft Surface Sanitization 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*

- A proven sanitizer on soft surfaces
- An effective soft surface sanitizer
- Cost effective solution to sanitizing -or- laundering -or- dry cleaning hospital curtains
- Great for use on soft surfaces on **insert soft surface[s] from Table 7**
- Kills microorganisms on [hospital] soft surfaces -or- fabric[s] -or- **insert soft surface[s] from Table 7**
- One-step cleaner sanitizer on soft surfaces<sup>8</sup>
- Removes -and/or- Eliminates odors by killing odor-causing bacteria on [soft surfaces -and/or- fabrics] **insert soft surface[s] from Table 7**
- Sanitizes by killing Enterobacter aerogenes and Staphylococcus aureus on soft surfaces in 2 min[utes]
- Sanitizes fabric[s] -or- soft surfaces -or- **insert soft surface[s] from Table 7**
- Sanitizes soft surfaces in one step
- Sanitizes soft surfaces [in 2 min[utes]]
- Soft surface -or- fabric sanitizer
- Use on **insert soft surface[s] from Table 7** [and other soft surfaces]

### Hard Surface Disinfection

<b><i>Organisms</i></b>	
<b>Bacteria: 2 min[ute] contact time</b>	<b><i>ATCC and/or Strain</i></b>
Bordetella pertussis	[ATCC 12743]
Burkholderia cepacia	[ATCC 25416]
Campylobacter jejuni	[ATCC 29428]
Carbapenem Resistant Escherichia coli	[CDC 81371]
Carbapenem Resistant Klebsiella pneumoniae	[ATCC BAA-1705]
Community associated methicillin resistant Staphylococcus aureus (CA-MRSA)	[NARSA NRS123 genotype USA400]
Community associated methicillin resistant Staphylococcus aureus (CA-MRSA)	[NARSA NRS384 genotype USA300]
Enterobacter aerogenes	[ATCC 13048]
Escherichia coli (E.coli)	[ATCC 11229]
Escherichia coli O157:H7 (E.coli)	[ATCC 35150]
Klebsiella pneumoniae	[ATCC 4352]
Legionella pneumophila	[ATCC 33153]
Linezolid Resistant Staphylococcus aureus (LRSA)	[NARSA NRS 119]
Methicillin resistant Staphylococcus aureus (MRSA)	[ATCC 33592]
[1]Multi-drug resistant [MDR] Acinetobacter baumannii	[ATCC 19606]
[2]Multi-drug resistant [MDR] Enterococcus faecium	[ATCC 51559]
[3]Multi-drug resistant [MDR] Klebsiella pneumoniae	[ATCC 51503]
Penicillin resistant Streptococcus pneumoniae	[ATCC 700677]
Proteus mirabilis	[ATCC 9240]
Pseudomonas aeruginosa	[ATCC 15442]
Salmonella enterica	[ATCC 10708]
Serratia marcescens	[ATCC 14756]
Shigella dysenteriae	[ATCC 11835]
Staphylococcus aureus	[ATCC 6538]
Staphylococcus epidermidis [(Coagulase-negative staphylococci)]	[ATCC 12228]
Streptococcus pyogenes	[ATCC 19615]
Streptococcus salivarius	[ATCC 7073]
Vancomycin intermediate resistant Staphylococcus aureus (VISA)	[CDC HIP 5836]
Vancomycin resistant Enterococcus faecalis (VRE)	[ATCC 51575]
Vancomycin resistant Staphylococcus aureus (VRSA)	[NARSA VRS1]

<b><i>Organisms</i></b>	
<b><i>Fungi: 2 min[ute] contact time</i></b>	<b><i>ATCC and/or Strain</i></b>
Candida albicans	[ATCC 10231]
Trichophyton mentagrophytes [(Athlete's Foot Fungus)]	[ATCC 9533]
<b><i>Viruses Enveloped: 30 sec[ond] contact time</i></b>	<b><i>ATCC and/or Strain</i></b>
‡Avian influenza [Type A] virus (H5N1)	[Strain VN5N1-PR8/CDC-RG CDC #2006719965]
‡. ‡Bovine Viral Diarrhea Virus (Surrogate for Human Hepatitis C Virus)	[Strain Oregon C24V - genotype 1]
‡Cytomegalovirus	[ATCC VR-538] [Strain AD-169]
‡. ‡Duck Hepatitis B virus as surrogate for human Hepatitis B	[11/4/12 Strain]
‡Herpes Simplex virus type 1	[ATCC VR-733] [Strain F(1)]
‡Herpes Simplex virus type 2	[ATCC VR-734] [Strain G]
‡. ‡Human Immunodeficiency Virus type 1	[Strain HTLV-IIIB]
‡Influenza A (H1N1) virus	[ATCC VR-1469, Strain A/PR/8/34]
‡Influenza A virus (A2)	[ATCC VR-544, Strain Hong Kong]
‡Measles virus	[ATCC VR-24] [Strain Edmonds]
‡MERS (Middle Eastern Respiratory Syndrome)-Associated Coronavirus (MERS-CoV)	[Strain E MC/2012]
‡Mumps virus	[ATCC VR-1438] [Strain Jones]
‡Respiratory syncytial virus (RSV) [(a virus that causes colds)]	[ATCC VR-26] [Strain Long]
<b><i>Virus Large Non-Enveloped: 2 min[ute] contact time</i></b>	<b><i>ATCC and/or Strain</i></b>
‡Rotavirus	[ATCC VR-2018] [Strain WA]
<b><i>Virus Small Non-Enveloped: 2 min[ute] contact time</i></b>	<b><i>ATCC and/or Strain</i></b>
‡Feline calicivirus (Surrogate for Norovirus and Norwalk)	[ATCC VR-782] [Strain F-9]
<b><i>Bloodborne Pathogens: 30 sec[ond] contact time</i></b>	<b><i>ATCC and/or Strain</i></b>
‡. ‡Bovine Viral Diarrhea Virus (Surrogate for Human Hepatitis C Virus)	[Strain Oregon C24V - genotype 1]
‡. ‡Duck Hepatitis B virus as surrogate for human Hepatitis B	[Strain DHBV16]
‡. ‡Human Immunodeficiency Virus type 1	[Strain HTLV-IIIB]

**Soft Surface Sanitization**

<b><i>SOFT SURFACE</i></b>	
<b><i>BACTERIA: 2 min[ute] contact time</i></b>	<b><i>ATCC and/or Strain</i></b>
Staphylococcus aureus	[ATCC 6538]
Enterobacter aerogenes	[ATCC 13048]



**Table 1 Hard Nonporous Surface Use Surfaces**

air vents exteriors	exterior surfaces of toilet [handle[s] -and/or- rim[s] -and/or- seat[s] -and/or- top[s]]	[kid's] play [structures -and/or- equipment -and/or- furniture -and/or- tables]
appliance -or- cabinet knobs	exhaust fan exteriors	[kitchen] appliance exteriors
appliance[s] [exteriors]	exterior -or- external toilet -or- urinal surfaces	Kitchen[s] [surfaces]
bassinets	exterior surfaces of air vents -or- air vent exteriors	laminated surfaces
[bath]tubs	faucets	lamps
bathroom -or- kitchen faucet[s] [handles]	fax machine[s] [handles]	laptops[#]
[bathroom] fixtures	[filing -and/or- medicine] cabinets	large inflatable nonporous plastic (rubber)
bed frames	finished -or- painted [walls -and/or- woodwork -and/or- windowsills]	light fixtures -or- switches -or- panels
bedpan cleaner	fixtures	lockers
booster chairs	floors [around toilets]	Many hard, nonporous crib -or- bed frame surfaces
BP monitors[#]	floors and walls of coolers	metal blinds
broom handle	flower buckets	metal work benches
burner trays	freezer exteriors	microwave[s] [exteriors]
cabinets	furniture	mirrors
cages	Garages	mobile electronic equipment
carts	Garbage cans -or- Disposals	mouse pads
cell[ular] -or- wireless -or- mobile -or- digital phones[#]	garage surfaces	office equipment
chairs	garbage -or- trash cans	office machinery
changing tables	Germ prone [hard, nonporous] surfaces	other telecommunication[s] equipment [surfaces]
chemotherapy hoods	glass-topped furniture	outside of [appliances -and/or- microwaves -and/or- refrigerators]
[children's] furniture	glazed [ceramic] [restroom surfaces] [tile[s]]	oven doors
chrome exterior surfaces of urinals -and/or- toilets	[glazed] tiled walls	packing benches
closets	[grocery [store] -or- supermarket] cart[s] [handles] [child seats]	phone cradle#
[clothes -or- diaper] hampers	gym[nastic] equipment	physical therapy [PT] equipment surfaces [†††]
[Common] hard, nonporous surfaces	handheld [electronic] devices[#]	plastic laundry hampers -or- baskets
computer [keyboards[#] -and/or- monitors [#]]	[hand]railings -or- rails	plastic shower curtains
computer [peripherals] [screens -and/or- tables]	hard, nonporous painted surfaces	plastic surfaces associated with: floors, walls, fixtures, toilets, urinals, sinks, shower rooms and locker rooms
computer mice	hard, nonporous surfaces of car interiors	playpens
computers	hard, nonporous surface of sink[s] -and/or- [basins]	portable toilets
cooler exteriors	hard, nonporous surfaces [of] [under] sinks	[power] cords
counters -or- countertops	hard, nonporous surfaces of vanity tops -or- vanities	range hoods
cribs	hard, nonporous office -or- bedroom -or- bedside furniture	recycling bins
cupboards	hard, nonporous [painted] surfaces	refrigerator [door handles] [exterior]
desk[s] [tops]	headsets	remote controls[#]
desktops	high chairs [(non-food contact)]	restroom fixtures
[diaper -or- infant] changing tables	high touch surfaces <sup>P</sup>	seats
diaper pails	infusion pump	shelves [and drawers]
dictating equipment [surfaces]	[instrument] stands	shower[s] [ curtains -and/or- doors -and/or- stalls -and/or- walls]
docking stations	[interior [hard, nonporous] surfaces of] automobiles -and/or- boats -and/or- cars	signs
door[s] [handle[s]] [frame[s]]	ships -and/or- trailers -and/or- vehicles	sill[s] ledge[s]
doorknobs	[Interior [hard, nonporous] surfaces of] rental cars	slit lamps
drainboards	keyboards[#]	sports equipment
drawer pulls		stall doors
dressing carts		staplers
elevator buttons		stereo consoles[#]
elliptical handles		stovetops -or- stoves
empty garbage bin		
exercise bikes		
exercise [equipment -and/or- machines -and/or- mats]		

strollers††	[training] toilets	washable [kitchen surfaces -and/or- walls]
tables [tabletops]	trash cans -or- compactors	washers/dryers -or- washing machine
tablet PCs[#]	tray tables	exterior[s]
telephones[#]	treadmill handles	wastebaskets
toilet -and/or- urinal exterior[s] [surfaces]	[TV] Remote[s] [Control][s][#]	window [blinds -and/or- shades]
-or- exterior toilet surfaces	vending machine surfaces	windows
[toilet [flush] -and/or- telephone -and/or-	walkers	windshields
cabinet] -and/or- dishwasher -and/or-	wallpaper	work benches
door -and/or- faucet] handles	walls	wrestling mats
toilet handholds	washable [ceilings -and/or- floors [including	
tools	linoleum, no-wax, vinyl, and glazed	
towel dispensers	ceramic tile]	
toys [boxes] -or- storage bins		

**Table A Use Sites**

Airplanes	Food Storage Areas	Pet areas
Airports	Funeral Homes	Pet shops and other animal care facilities
Athletic [Recreational] Facilities	[Garbage -or- Waste] Storage Areas	Phone booths[+++]
Automobile[s] [interiors]	Gas Stations	Play areas -or- rooms
Banquet halls	Greenhouses	Playgrounds
Bars	Grocery Stores	[Police -and/or- fire] vehicles
Barber Shops	Grooming establishments	Produce -or- public areas
Basements	Gym[nasium][s]	Public facilities -or- restrooms
Bathroom -or- Locker Room Facilities	Health club[s] [facilities]	[Public -or- pay] telephone[s] -or- phone booths[+++]
Bathrooms	Home centers	Recreational centers -or- facilities
Bathrooms, sinks and faucets and floor areas	Hotels	Rest stops
Beauty Salons -or- Shops	Household	Restaurants
Bedrooms	Housing facilities	Restrooms -or- restroom areas
Blood Banks	Indoors	Retail and wholesale establishments
Bowling Alleys	Industrial facilities	Retail -or- wholesale florists
Business & office buildings	Institutional kitchens -or- bathrooms	Retail businesses
Buses	Institutional laundromats	RVs
Butcher Shops	Institutions	School buses
Cafeterias	Kennels	Shelters
Campgrounds	Kitchens	Shippers
Campers	Laundromats	Ships
Car[s] exteriors	Lavatories	Shopping centers
Car[s] interiors	Lawn chairs -or- furniture [vinyl -or- plastic]	Shops
Catering facilities	Libraries	Shower area
Children's rooms	Living areas -or- rooms	Shower rooms
Churches	Locker rooms	Sick rooms
Classrooms	Lodging establishment	Spas
Clinics	Lounges	Sports arenas -or- stadiums
Colleges	Malls	Storage rooms -or- areas
Convenience Stores	Markets	Subways
Convention Centers	Mass merchandisers, discount retailers -and/or- general merchandise stores	Supermarkets
Correctional Facilities	Massage -and/or- facial -or- hair -and/or- nail salons	Tack shops
Cruise Ships	Meat & poultry plants (inedible areas)	Tattoo parlors
[Damp] Storage Areas	Military installations	Taxis
Day Care Centers	Mobile -or- motor homes	Toilet area[s]
Delicatessens	Mortuaries	Toolsheds
Dens	Motels	Trailers
Dormitories	Mudrooms	Trains
Dorms	Nonfood areas of USDA inspected food processing facilities	Transport vehicles
Dressing rooms	Nurseries	Transportation terminals
Elevator[s] [buttons]	Office[s] [buildings]	Trolleys
Emergency Vehicles	Office use: keyboard, telephone, office equipment	Universities
Exercise facilities	Patio	Vacation homes
Factories	Pet animal quarters	Warehouse clubs
Family rooms -or- areas		Work stations[+++]
Fast Food Restaurants		
Food processing -or- manufacturing plants -or- Facilities		

***Table 2 Food Service Hard Nonporous Surfaces***

Any washable (food and non-food contact) [hard, nonporous] surface where disinfection is required [, excluding glassware, utensils or dishes] appliance[s] exteriors dish racks	drainboards food cases -and/or- trays freezers glass -and/or- plastic salad bar sneeze guards hoods	microwave[s] exteriors oven[s] exteriors refrigerator[s] exteriors stoves -or- stovetops
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***Table B Non-food contact areas of Food Service Use Sites***

Banquet Halls Bars Cafeterias Catering Facilities Commercial -or- Institutional Kitchens Deli[catessens] Dining halls	Fast Food Chains -or- Restaurants Food Preparation and Processing Areas Food [Service -or- Processing] Establishments Food Serving Areas [Front of] Restaurants Other Food Service Establishments	Restaurants School Kitchens Vending Machines Water Coolers Water fountains
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***Table 3 Dental Hard Nonporous Surface Use Surfaces***

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

Dental Operatories Dental -or- Dentist's Offices Dental operatory rooms	Examination Rooms Reception areas
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***Table 4 Veterinary Hard Nonporous Surfaces***

animal equipment automatic feeders <sup>9</sup> cages exterior surfaces of fountains exterior surfaces of watering appliances	external surfaces of [veterinary] equipment feed racks hard, nonporous veterinary surfaces pens reception counters -or- desks -or- areas	stalls troughs veterinary care surfaces
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**Table D Veterinary Use Sites**

[Animal -or- Pet] Grooming Facilities	[Equine -and/or- Dairy] Farms	Tack Shops
Animal [Pet] Housing [Kennels -and/or- Facilities]	Kennels	Veterinary [Offices -and/or- Waiting Rooms -and/or- Examination Rooms -and/or- X-ray Rooms -and/or- Operatory Rooms]
Animal Holding Areas	Livestock -and/or- Swine -and/or- Poultry Facilities	Veterinary Clinics -or- Facilities
Animal Life Science Laboratories	Pet [Areas -and/or- Quarters -and/or- Shops -and/or- Stores]	Veterinary -or- Animal Hospitals
Animal Transportation Vehicles	Small Animal Facilities	Zoos
Breeding Establishments		

**Table 5 Medical Hard Nonporous Surface Use Surfaces**

anesthesia machines[#]	external surfaces of [medical] equipment -or- [medical] equipment surfaces[+++]	overbed tables
apheresis machines[#]	[external] [surfaces of] ultrasound transducers [-and/or- probes][+++]	oxygen hoods
autoclave exteriors [+++]	[Filing -and/or- medicine] cabinets	paddles
bathroom doorknob	footboards	paggers[+++]
bedpans	glucometers[+++]	[patient] chairs[+]
bedrails	gurneys	patient monitoring equipment[+++]
[bedside] commodes	hard, nonporous hospital -or- medical surfaces	patient support and delivery equipment[+++]
bedside tables	headboards	phlebotomy trays
blood pressure cuffs[+]	high touch surfaces <sup>P</sup>	physical therapy (PT) equipment surfaces[+++]
blood pressure (BP) monitors[+++]	[hospital -or- patient] bed[s] -and/or- springs -and/or- railings -and/or- frames -and/or- linings	phone cradle[+++]
cabinet handles	hyperbaric chambers[+]	pipe exteriors
call boxes	infant incubators and care cribs	plastic mattress covers
CAT -or- Computerized Axial Tomography equipment [+++]	infant warmers	pulse oximeters[+++]
carts	[inner -and/or- inside of] drawers	PVC tubing
cellular phones[+++]	isolettes	reception counters -or- desks
charging stations	IV stands -and/or- pumps -and/or- poles	remote controls[+++]
closet handles	large surfaces	respirators[+++]
coated mattresses	loupes	respiratory therapy equipment[+++]
coated pillows	mammography equipment[+++]	scales
computer mice -or- mouse	[Mayo] [instrument] stands	sequential compression devices
computer tables	medication carts	shower fixtures
cords	mobile devices	side rails
counters	mobile workstations	small surfaces
[crashedges of privacy curtains-and/or-emergency] carts	mouse pads	spine backboards
CT scanners[#]	MRI[(s)] -or- Magnetic Resonance Imaging equipment[+++]	stethoscopes
desktops	Nurse-call -and/or- devices -and/or- buttons -and/or- cords[+++]	stools
diagnostic equipment[+++]	operating room tables and lights	stretchers
dialysis machines[+++]	operatory light switches	support bars
docking stations		toilet handholds
edges of privacy curtains		traction devices
[exam -or- examination] tables		walls [around toilet] [in patient rooms]
exterior surfaces of air vents -or- air vent exteriors		wash basins
		wheelchairs
		x-ray equipment[+++]

***Table E Medical Hard, Nonporous Use Sites***

Ambulances -or- Emergency Medical Transport Vehicles	[Hospital] Kitchens Hospitals	Patient Restrooms Patient Rooms
Ambulatory Surgical Centers (ASC)	Intensive Care Units -or- ICU[s] [areas]	Pediatric Intensive Care Units [PICU]
Anesthesia Rooms or Areas	Isolation Areas	[Pediatric] Examination Rooms -or- Areas
[Assisted Living -or- Full Care] Nursing Homes	Laboratories	Pharmacies
Carts	Laundry Rooms	Physical Therapy Rooms -or- areas
CAT lab[oratories]	Long Term Care Facilities	Physician's Offices
Central Service Areas	[Medical] Clinics -and/or- Facilities	Psychiatric facilities
Central Supply Rooms -or- Areas	Medical -or- Physician's -or- Doctor's offices	Public [Care] Areas
Critical Care Units -or- CCUs	Medical Facilities	Radiology -or- X-Ray Rooms -or- Areas
Dialysis Clinics [Facilities]	Newborn -or- Neonatal [nurseries]	Reception Areas
Doctors' Offices	[Intensive Care] Units [NICU]	Recovery Rooms
Donation Centers [blood] [plasma] [semen] [milk] [apheresis]	Nursing -or- Nurses' Stations	Rehabilitation Centers
Emergency Rooms -or- ERs	Nursing Homes	Respiratory Therapy Rooms -or- Areas
Eye Surgical Centers	Operating Rooms	Restrooms
Health Care Setting -or- Facilities	Ophthalmic Offices	Surgery Rooms -or- Operating Rooms -or- ORs
Home Health Care [settings]	Orthopedics	Waiting Rooms -or- Waiting Areas
Hospices	Outpatient [Surgical Centers (OPSC)] [Clinics] [Facilities]	
	Patient Areas	

**Table 6 Hard Nonporous Surface Materials**

aluminum	glass	rubber
[baked] enamel	glazed [ceramic -and/or- porcelain -and/or- porcelain enamel] [tiling -or- tile]	sealed [fiberglass] [granite] [marble]
brass	[hard] plastic	sealed fiberglass [polyester, vinylester and epoxy resins]
chrome	linoleum [flooring]	sealed natural marble
clear plastic	Marlite [™][®][ <sup>AAA</sup> ]	[sealed] -or- [painted] wood
copper	Naugahyde[ <sup>AAA</sup> ]	silver
Corian[™][®][ <sup>AA</sup> ]	painted metals	stainless steel
crystal (non-food contact)	[plastic] laminatett	synthetic marble
finished [hard]wood	Plexiglas <sup>AAA</sup>	treated wood
Formica [™][®][ <sup>AA</sup> ]	porcelain enamel	vinyl [tile]
galvanized steel		

Not Recommended For Use On -or- Avoid Contact With

painted wood	porous painted surfaces	unsealed [natural] marble
paper surfaces	unfinished wood	unsealed stone
polyurethane	unsealed [natural] granite	vinyl

**Table 7 Soft Surface Exterior Use Sites**

Baby carriages	Duvet cover	Shower curtain [fabric]
Baby prams	Exercise mats	Slippers
Back [School] pack	Fabric[s]	Sneakers [canvas -and/or- fabric]
Bathroom mat	Fabric suitcase	Sofas
Bedding	Gym bag [fabric]	Soft [fabric] surfaces
Blankets	Gym bags	Sponges [rags]
Blinds	Headrests	Sports equipment [lining]
Booster Seat	Highchair seat	Stroller [seats]
Box spring [cover]	[Laundry] Fabrics	Stuffed animals
Car seat	Linens	Stuffed [Plush] toys
Carpet	Mats [for day care]	Towels
Chairs	Mattress	[Upholstered] armchairs
Clothing Laundry bag [fabric]	Mop	[Upholstered] couches
Cot Mattress [cover]	Purse Seat cushion [household]	[Upholstered] furniture
Cotton [Polyester] [blend] [fabric]	Rugs	Upholstery
Curtains	Seat -and/or- soft cushions	Washcloth[s]
Cushion [Pillow]	Shades	Wheelchair pad/seat
Diaper bag	Sheets	Window treatments [fabric]
Dog -or- pet bed	Shoe[s]	
Drapes -or- Draperies	Shoe[s] [canvas] [fabric] [interior]	

### **Alternate Brand Names**

- Clorox Healthcare® VersaCare™ Alcohol-Free Disinfectant Cleaner Spray
- Clorox Healthcare® VersaSure™ Alcohol-Free Disinfectant Cleaner Spray

### **Footnotes**

[1 **This strain of MDR Acinetobacter baumannii has shown resistance to the following antibiotics:** Gentamicin, Trimethoprim/Sulfa]

[2 **This strain of MDR Enterococcus faecium has shown resistance to the following antibiotics:** Ampicillin, Penicillin, Gentamicin]

[3 **This strain of MDR Klebsiella pneumoniae has shown resistance to the following antibiotics:** Ampicillin, Ampicillin/Sulbactam, Cefepime, Ceftazidime, Ceftriaxone, Gentamicin, Piperacillin/Tazo, Trimethoprim/Sulfa]

<sup>4</sup> Influenza A Virus, Avian Influenza A Virus, Respiratory Syncytial Virus

<sup>5</sup> Influenza A Virus, Avian Influenza A Virus

<sup>6</sup> Carbapenem Resistant Escherichia coli, Carbapenem Resistant Klebsiella pneumoniae

<sup>7</sup> MDR Acinetobacter baumannii, MDR Enterococcus faecium, MDR Klebsiella pneumoniae

<sup>8</sup> when sanitization directions are followed

<sup>9</sup> Scrub with soap/detergent and then rinse with potable water

\*\* See organism list

\*\*\* Bordetella pertussis

‡ when used according to the disinfection directions for use

‡ Viruses

‡‡ Bloodborne Pathogens

[#] Always refer to manufacturer's care instructions before using on equipment or devices

<sup>P</sup> [on] hard, nonporous surfaces [of]

[†††] For any use site that includes electronics -or- electronic components, [please] refer to manufacturers' instructions. [for appropriate use] [before use][.]

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