



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

March 1, 2022

Brian Hogan  
Agent  
4D Tech Solutions Inc.  
407 Tenth Street  
Fairmont, WV 26554

Subject: Label Amendment: Amendment to Add Additional Organisms  
Product Name: HOCI 180  
EPA File Symbol: 94363-1  
Application Date: June 23, 2021  
Action Code Number: 00307598

Dear Mr Hogan:

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](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](http://www.cdc.gov/outbreaks)),
      - B. CDC Current Outbreak List for “Outbreaks Affecting International Travelers” with an “Alert” or “Advisory” classification ([www.cdc.gov/outbreaks](http://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](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/Diseaseinformation/WI](http://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 subgroup is enveloped and large 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.

5. Terms from points 1 through 4 above shall become immediately void and ineffective if registration for use against Canine Parvovirus 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, you may contact the disinfectants list at [disinfectantslist@epa.gov](mailto:disinfectantslist@epa.gov).

Sincerely,



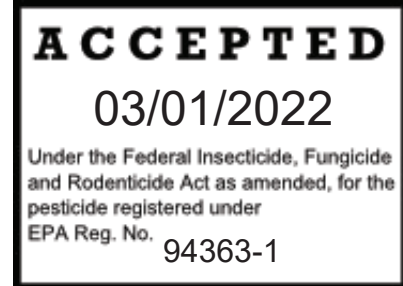
Demson Fuller, Product Manager 32  
Regulatory Management Branch I  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

Enclosure

**Notes:**

Italicized text is information for the reader and is not part of the label  
Bracketed information is denoted as: {insert as noted}, (optional text), [required qualifier].  
Bracketed information can be joined together for labeling purposes by a comma, the word “or”, the word “and” or the symbol “&”  
'X' is a place holder for a number between 1 to 99.

# HOCl 180



(Alternate Brand Names: Fortify Disinfectant, Fortify Disinfectant Spray, Fortify Disinfecting Spray, Fortify Disinfectant for Pets, Viracyn, Viracyn Disinfectant, Viracyn Disinfectant Spray, Viracyn Disinfecting Spray, Viracyn Disinfectant for Pets, Fortress, Fortress Disinfectant, Fortress Disinfectant Spray, Fortress Disinfecting Spray, ClearUp, ClearUp Disinfectant, ClearUp Disinfectant Spray, ClearUp Disinfectant for Pets, ClearUp Disinfecting Spray, Clear Up, Clear Up Disinfectant, Clear Up Disinfectant Spray, Clear Up Disinfecting Spray)

**ACTIVE INGREDIENT:**

Hypochlorous Acid: ..... 0.018%

**OTHER INGREDIENTS:** ..... 99.982%

(Water)

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

(Contains 180 ppm Free Available Chlorine)

**KEEP OUT OF REACH OF CHILDREN**

**EPA Reg. No.: 94363-1**

**Est. No. 94363-WV-1**

**MANUFACTURED BY:**

4D Tech Solutions, Inc.  
401 10<sup>th</sup> St  
Fairmont, WV 26554  
1-800-504-4800

**NET CONTENTS :**

X FL. OZ. (X PT.) (X QT.) (X GAL.) (X (mL) (L))

## PRECAUTIONARY STATEMENTS

**Physical and Chemical Hazards:** HOCL 180 is not compatible with other chemicals such as acids and hydrogen peroxide.

*NOTE: Any claim may appear on FRONT / BACK panel in bullet / paragraph format – Unless otherwise noted. Claims listed under individual directive areas are categorized for general grouping purposes only; any claims listed may be combined with others for marketing purposes*

## FRAGRANCE CLAIMS

(Unfragranced) (Unscented) (Mild) (Clean) (Pleasant) (Fragrance) (Free)

## PACKAGING CLAIMS

(Locked on sprayer(!))

(X%) (more) (bonus) (value) (pack) (trigger) (vs.) (compared to) (XX) ((fl) (oz)) (size)

(Free) (extra) X% more (vs. X fl oz size)

X times (more) (faster) coverage

(Bonus) (Bonus x%) (Bonus x fl oz.) (x% Discount) (x% More Free)

(x fl oz. at x fl oz. Price) (x fl oz. for the x fl oz. price) (x fl oz. at the price of x fl oz.) (x fl oz. for the price of x fl oz.) (x fl oz. Free) (x fl oz. Free)

(More than) (Over) (x # of squirts per bottle) (x # of sprays per bottle) (x # of uses per bottle) (x # of uses per bottle)

(Economical) (Economy) (Great) (Mega) (Multi) (Super) (Trial) (Value) (Pack) (Refill) (Size)

(Contain(s)) (With) XXX spray(s) (Included) Dual (action) (trigger) (nozzle) (spray) Easy to (use) (spray) (hold)

Ergonomic (bottle) (design)

(Help(s)) (Clean(s)) (Cleaning) xx square feet(s) of (home) (floor) (space) (area) (per (XX) (fl) (fluid) (oz) (bottle))

(Help(s)) (Disinfect(s)) (Disinfecting) xx square feet(s) of (home) (floor) (space) (per (XX) (fl) (fluid) (oz) (bottle))

(Money back guarantee) (Your # 1 choice) ( {insert disinfectant brand name} )

(Try it yourself) (Satisfaction Guaranteed) (or) (Get your money back)

No (drip) (leak)(mess)

Save (X%) (per fluid ounce) (per fl oz.)

Spray (bottle)

( {insert disinfectant brand name} ) (Try it yourself) (and) (Love it) (or) (Get your money back)

(The) (This) Container contains no metallic parts

This (X) (Fluid Ounce) (fl oz.) (Container) is equal to (X) (uses) (quick) (touch ups) (cleaning) (occasions) (cleans) (dabs) (taps) (sprays)

Trigger (spray) (bottle)

(Wide) (wider) (broad) (controlled) (complete) (format) (coverage) (spray)

X (More) (Dispenses) (Free) (per bottle)

X (More) (Uses) (Sprays) (per bottle) (X) (Refill) (=) (X Dispenses) (X Dispensers)

X (cleans) (uses)

## MARKETING CLAIMS

### General Claims

- ( {Insert disinfectant brand name} ) is a (easy) (mild) way to clean ( {list any use sites from Table 1, 2, 3, 4 or 5} )

- 
- A (great)(new) way to clean ({list any use sites from Table 1, 2, 3, 4 or 5})
  - (Great) For (cleaning)(disinfecting) ({list any use sites from Table 1, 2, 3, 4 or 5})
  - (Mild) (cleaning) (cleaner)
  - All in one (cleaner) (disinfectant)!
  - (Great) for (daycare)(home)(lavatory) (restaurant) (office) (school) use!
  - Latest in (cleaning) (disinfection) technology
  - Leaves a streak-free shine
  - Leaves no (chemical) residue
  - Leaves surfaces shiny
  - Makes your job easier
  - No (harsh fumes) (accidental whitening)
  - No rinsing (necessary)
  - Non-abrasive (formula)
  - Cleaning and (disinfecting)
  - (Easy) (and) (Convenient)To Use
  - No rinse required ((even) on food contact surfaces)
  - For hard, non-porous surfaces
  - (Mild) (enough) to use on any washable hard, non- porous surface, (including) ({list any surface from Table 1, 2, 3, 4, or 5})
  - Disinfect without rinsing
  - The easy way to sanitize food service operations (dining areas) (countertops) (checkouts)
  - The smell of clean
  - Try me(!)
  - Use (daily) (everyday)
  - (Use) for quick clean-ups
  - Tough on (Germs) (Bacteria) (Viruses\*)
  - Fast‡ (Acting)
  - With a (light) (touch) (hint) of (bleach) (fragrance)
  - (Clean) (light) (airy) (mild) (fresh) fragrance -or- scent
  - Clear formula
  - (Anywhere) (Everywhere) hard, non-porous surface disinfectant - or - disinfecting (spray)
  - (Disinfect) (Spray) fearlessly
  - Color safe
  - Will not whiten or bleach (surfaces) (or) (clothes)
  - (Contains) no (harsh) (harmful) (lingering) (cleaning) chemicals
  - (Stops) (prevents) the growth of odor-causing bacteria
  - (Check) (out) (our) (website at) {insert web address} (for more information)
  - (Easy) (and) (convenient) to use
  - (Easy) (fast acting‡) (convenient) way to disinfect
  - (Economy) (institutional) (value) size -or- pack
  - (Economy) (value)
  - Eliminates buckets and rags
  - Food-contact surface cleaner
  - (While) (it's) tough on bacteria, (it's) easy on hard, non-porous surfaces (Anywhere) (Everywhere)
  - A (mild) way to clean
  - Phenol Free

- Alcohol Free
- Breathe Easy: (Fragrance Free) (No Harsh Fumes) (No Harsh Chemicals)
- Rinse (FREE)(Free)
- No Rinse (Required)
- Use without gloves
- (Daily) (Disinfecting) (All-Purpose Cleaner) (Surface Cleaner)
- For (daily) (everyday) use
- (Never) (No) harsh chemicals (,) (fumes) (or) (strong) (bad) (smelly) (odors).
- No Bleach (Bleach Free)
- (Disinfecting) (Disinfectant) Spray
- (Innovative) (Breakthrough) (Clean & Simple)
- Clean, Simple Ingredients (plus) (Remarkable) (Innovative) (Breakthrough) (Patented) (Disinfectant) (Technology) ({insert disinfectant brand name})
- No Dyes
- Clean & Simple. (No Harsh Chemicals) (Fragrance Free) (Simple Ingredients) (No Fragrance Added)
- No mixing (of harsh) chemicals required
- Disinfects surface(s) with a streak-free shine
- Everyday -or- daily mild cleaner
- (Great)(Made) for use on food contact surfaces
- Dye free
- Easy to use
- Cruelty free
- Not tested on animals
- Ready to Use
- Spray and Go (disinfectant) (and) (sanitizer)
- Family friendly
- Multi-surface (disinfectant) (sanitizer) on hard, non-porous surfaces
- Free (&) (and) Clear
- Sanitize without rinsing
- Sanitizer and Disinfectant
- 2 -or- two ingredient (disinfectant) (sanitizer)
- Hypochlorous all-purpose cleaner
- (Proudly) Made in (America) ((the) U.S.A.) ((the) U.S.)

### **Home Use Claims on Hard, Non-porous Surfaces**

- Great for (daily) use on hard, non-porous surfaces (all around) (the) (house) (home) (kitchen) (bathroom)
- (Daily) Kitchen (cleaner) (spray) (disinfectant) for hard, non-porous surfaces
- Leaves your (kitchen) (home) (house) (bathroom) smelling clean
- Leaves your kitchen clean
- Perfect (size) for (bathrooms) (kitchens)
- Perfect (size) for use (all) around the house
- The (simple) (All-In-One) solution for home
- Use for a fresh kitchen
- For use on hard, non-porous surfaces around (home) (kitchen) (house) (bathroom)



- (Use) for touch-up (kitchen) cleaning-or- wiping
- (Use) for wiping (bathroom) (kitchen) counters
- Use on hard, non-porous surfaces throughout the (kitchen) (home) (house) (bathroom)
- A (new) technology that can be used on hard, non-porous surfaces (anywhere) around your (home) (business) (office) (on the surfaces touched most.)
- (Use) for (preschool) (daycare) (office) (assisted living) (senior care) kitchens
- (Worry free) (color safe) spray (that you can use around the house)!
- For use (all) around the (kitchen) (home) (house)
- For use on all (kitchen) (bathroom) hard, non-porous surfaces
- (Antibacterial) kitchen (cleaner) (spray) (disinfectant)
- Antibacterial (daily) kitchen (cleaner)(spray) (disinfectant)
- (Daily) (everyday) (light duty) kitchen (cleaner) (disinfectant) (spray)
- (Daily) (everyday) (light duty) kitchen (cleaner)(disinfectant) (spray)
- For (daily) (everyday) (light-duty) (kitchen) cleaning -or- wiping
- For a cleaner, fresher (bathroom) (kitchen) (home) (house)

### **Nursery, Daycare, Preschool, School Use Claims**

- For hard, non-porous surfaces in (Nurseries) (Daycare(s)) (Preschool(s)) (School(s))
- Rinse-Free Spray; use (on) (around) (pacifiers<sup>1</sup>) (teethers<sup>1</sup>) (highchairs) (and) (toys<sup>1</sup>)
- Worry Free Use on (Nursery) (Toys<sup>1</sup>) (Games) (Surfaces) (Equipment)
- Worry Free Use (on) (Toys<sup>1</sup>)
- Daily (Everyday) Surface Cleaner (&) (Disinfectant) (Baby) Toy<sup>1</sup> (Cleaner) (&) Disinfectant
- (No Rinse) (.) (Just) (Spray & Play) (.) (No Wipe) (.)
- (Great) For use in (newborn) nurseries
- (Great) For use in neonatal nurseries
- Spray (anywhere) (everywhere) on hard, non-porous surfaces (in nursery)

### **Pet Care, Animal Husbandry, Veterinary Use Claims**

- For (a) cleaner, fresher (pet area(s)), (kennel(s)), (litter box(es)), (cage(es))
- Use (around) (to clean) pet (water) (food bowls) (areas)
- (Destroys 99.9%) (Eliminates 99.9%) (Kills) (99.9%) (of) (Germs) (Bacteria) (&) (Viruses\*)
- on (animal) (pet) toys<sup>1</sup>
- (Destroys 99.9%) (Eliminates 99.9%) (Kills) (99.9%) (of) (Germs) (Bacteria) (&) (Viruses\*) on (animal) (pet) chew toys<sup>1</sup>
- Spray on pet chew toys<sup>1</sup>, no rinse required
- (Destroys 99.9%) (Eliminates 99.9%) (Kills) (99.9%) (of) (Germs) (Bacteria) (&) (Viruses\*) found on chew toys<sup>1</sup>
- Reduce(s) the spread of germs between treated hard, non-porous surfaces, spray on animal (chew toys<sup>1</sup>) (kennel(s)) (litter box(es))
- (Destroys 99.9%) (Eliminates 99.9%) (Kills) (99.9%) (of) (germs) (bacteria) (&) (viruses\*), yet effective enough to use on pet (cages) (crates)
- Use to keep (pet cages) (dog crates) (cat crates) (pet areas) healthy
- Worry free use in (kennels) (litter box) (pet areas)
- For healthier pet (living) areas
- (Stops) (prevents) Pet odors from bacteria
- Hard, Non-porous Surface Pet (Disinfectant)
- No worries about pet licking after cleaning



- Fragrance Free, won't irritate your dog's nose
- No harsh fumes to irritate (pet) (dog) noses
- Cleans up the pet mess and kills the (Germs) (Bacteria) (&) (Viruses\*) on hard, non-porous surfaces
- Non-porous, Hard Surface Kennel Disinfectant
- Kills odor causing (pet) bacteria
- {Insert disinfectant brand name} (disinfectant) (is (a) (the) pet area) (disinfecting) (disinfectant) (cleaner) (that) kills [(99.9%)] of (Germs) (Bacteria) (Viruses\*) (and) (is mild enough for pet (living) areas)
- {Insert disinfectant brand name} is a disinfectant that is especially useful in (veterinary practices) (animal care facilities) (animal laboratories) (kennels) (zoos) (pet shops)
- Pet area disinfectant
- Pet area sanitizer
- A mild way to clean pet (areas) (cages)
- (Destroys 99.9%) (Kills) (Eliminates 99.9%) (Effective Against) Canine Parvovirus\*

### **Food Service Use Claims**

- For (sanitizing hard, non-porous) (food service) (dining) tables
- (DESTROYS 99.9%) (ELIMINATES 99.9%) (common) (food) pathogens (Salmonella) on hard, non-porous surfaces
- For (sanitizing) (food service) (dining) food contact surfaces

### **Healthcare, Dental Use Claims**

- (Destroys 99.9%) (Eliminates 99.9%) (Kills) [(99.9%) of] (Germs) (Bacteria) (Viruses\*) (Bacteria & Viruses\*) (Salmonella) (SARS-CoV-2) (SARS-CoV-2, the virus that causes COVID-19\*) on hard, non-porous surfaces
- (Destroys 99.9%) (Eliminates 99.9%) (Kills) [(99.9%) of] (Germs) (Bacteria) (&) (Viruses\*) (Clean & Simple)
- (Destroys 99.9%) (Eliminates 99.9%) (Kills) [(99.9%) of], (SARS-CoV-2, the virus that causes COVID-19\*) (SARS-CoV-2\*) on hard, non-porous surfaces
- Kills (Germs) (Bacteria) (&) (Viruses\*) on CPAP (machines) (breathing masks<sup>1</sup>)
- Kills (bacteria) (germs) on hard, non-porous (orthotics) (shoe inserts)

### **Gymnasium, Fitness Center, Martial Arts, Yoga Use Claims**

- (Great) For (cleaning) (disinfecting) workout (gym(s)) (equipment) (machines)
- Daily (Everyday) Surface Cleaner (&) (Disinfectant For hard, non-porous surfaces) (in) (gym(s)) (martial arts) (yoga studios) (lounge) (sitting areas)
- Rinse-Free Spray; on (workout) equipment (machines)
- Great for cleaning (yoga) (aerobic) (mats) (gear) (rooms)
- (Great) for children's (play) (workout) (gear) (equipment)
- (Great) for (cleaning)(disinfecting hard, non-porous surfaces in) (gyms) (martial arts) (yoga studios) (locker rooms) (showers)
- (Non-corrosive) (Great) For cleaning (metal) gym (weights) (dumbbells) (barbells) (bars) (handles) (equipment) (machines)
- (Great) for (cleaning) (disinfecting) gym(s) (lounge) (sitting areas)
- (The) gym germ killer

### **Cruise Ship, Ocean Vessel Use Claims**

- (Great) for (cleaning)(disinfecting hard, non-porous surfaces on) Cruise (ships) (liners)
- (Clean) (Disinfect) (guest)(cabin(s)) (rooms) (areas)
- Daily (Everyday) Surface Cleaner (&) (Disinfectant) (for) cruise (ships) (liners)
- (Great) For (cleaning) (disinfecting) (cabin(s)) (guest) (rooms) (areas)
- (disinfecting) (food service) (dining) areas
- For (disinfecting) cruise (food service) (sports) (bars) (lounges) (pubs)
- (Innovative) (breakthrough) for (cleaning) (disinfecting) (sanitizing) (technology) for cruise ships
- For (disinfecting) (sanitizing) (food service) (dining)(buffets)
- Kills (Germs) (Bacteria) (&) (Viruses\*) in (cruise) (marine) (vessel(s)) (ship(s)) (bathroom(s))
- Great for cleaning yoga (mats) (gear) (rooms)
- For (cruise) workout (gyms) (equipment) (machines)
- (Great) For children's (play) (workout) (gear) (equipment)
- (Great) For (children's) (arcade) (laser tag) (cleaning) (disinfecting)
- (Great) For (disinfecting)(cleaning) (VR) (virtual reality) (headsets) (equipment)
- Cruise Ship (Airline) (Train) (Rail) food processing (preparation) areas
- (Great) For (cleaning) (disinfecting) cruise (ship) (lounge(s)) (sitting areas)

### **Agricultural Use Claims**

- (Great) for (cleaning) (disinfecting) agricultural (equipment) (machinery)
- (Great) for (cleaning) (disinfecting) (poultry) (and) (swine) (areas) (housing)
- (Innovative) (Breakthrough) for (cleaning) (disinfecting) (technology) for agriculture (poultry) (swine)

### **Hospitality Industry Use Claims**

- (Great) For (cleaning) (disinfecting) hospitality equipment (including) (food) (beverage) (recreation) (zoo) (museum) (equipment) (guest room(s)) (areas)
- (Clean) (Disinfect) Food and Beverage Equipment
- Destroy (Germs) (Bacteria) (&) (Viruses\*) found on (food) (beverage) (recreation) (zoo) (museum) equipment
- (Daily) (Everyday) Surface Cleaner (&) (Disinfectant) for catering equipment
- Food-Contact Surface Sanitizer

### **DISINFECTING CLAIMS – Hard, non-porous surface**

- (Kills) (Effective against) (over) (more than) (99.9%) (of) {insert disinfection organism(s) with 2 minute contact time from Organism Table} (in 2 minutes)
- (Kills) (Effective against) (over) (more than) (99.9%) (of) {insert disinfection organism(s) with 2- or 3- minute contact time from Organism Table} (in 3 minutes)
- Kills (more than) (over) (99.9%) (of) (germs) (bacteria) (and) (&) (viruses) (in (2) (3) minutes)\*
- (Disinfects) without (any) (harsh) (chemical) (residue(s)) (in (2) (3) minutes\*)
- Kills (99.9%) of viruses and bacteria (in (2)(3) minutes)\*
- Kills bacteria (in 2 minutes\*)(in 3 minutes\*)
- Kills bacteria commonly found in the (kitchen) (and) (bathroom) (in 2 minutes\*)(in 3 minutes\*)
- Cleans while it kills (germs)
- Kills (household\*) bacteria (commonly found in kitchens\*) on hard, non-porous surfaces (in 2 minutes\*)

- Kills (household\*) bacteria on hard, non-porous surfaces (in 2 minutes\*) (in 3 minutes\*)
- Kills kitchen and bathroom bacteria\* on hard, non-porous surfaces (in 2 minutes\*) (in 3 minutes\*)
- Kills more than (99.9%) of bacteria and viruses (in 2 minutes)\*
- (Kills) (Effective against) (over) (more than) (99.9%) (of) (Murine Norovirus) (Rhinovirus Type 37) (in 2 minutes)
- (Kills) (Effective against) (over) (more than) (99.9%) (of) (Canine Parvovirus) (in 3 minutes)
- (Kills) (Effective against) (over) (more than) (99.99%) (of) (Influenza A Virus - Swine Flu (H1N1)) (Respiratory Syncytial Virus (RSV)) (Human Coronavirus) (Herpes Simplex Virus Type 1) (Herpes Simplex Virus Type 2) (Canine Distemper) (Feline Calicivirus (Surrogate for Human Norovirus)) (SARS-CoV-2) (Bovine Viral Diarrhea (Surrogate for Human Hepatitis C Virus)) (in 2 minutes)
- Kills Rhinovirus (Type 37) (which may cause the common cold) (in 2 minutes)
- Kills (SARS-CoV-2) (SARS-CoV-2, the virus that causes COVID-19) (in 2 minutes) on hard, non-porous surfaces
- For use against (SARS-CoV-2) (SARS-CoV-2, the virus that causes COVID-19) (in 2 minutes) on hard, non-porous surfaces
- Kills SARS-CoV-2, the virus that causes COVID-19 (in 2 minutes) on hard, non-porous surfaces.
- Effective against SARS-CoV-2, the virus that causes COVID-19 on hard, non-porous surfaces
- Effective against SARS-CoV-2 on hard, non-porous surfaces.
- Kills odor-causing bacteria
- (Also) Effective against ({insert organism(s) from Organism Table})
- Kills Cold, Flu, and COVID-19 viruses in 2 minutes\*
- Kills (99.9%) of viruses and bacteria including SARS-CoV-2 (the virus that causes COVID-19)

### **SANITIZING CLAIMS FOR HARD, NON-POROUS SURFACES**

- Sanitizes food contact surfaces in (60 seconds) ((one)(1) minute)
- Kills 99.9% of bacteria (on food contact surfaces) (in (one) (1) minute†)(in (60) (sixty) seconds†)
- Food serving area sanitizer
- Food contact surface sanitizer
- Sanitizes without rinsing
- Sanitizes in 30 -or- thirty seconds‡

### **EMERGING VIRAL PATHOGENS CLAIMS**

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

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

- Enveloped Viruses
- Large Non-Enveloped Viruses
- Small, Non-Enveloped Viruses

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For an emerging viral pathogen that is a/an...	...follow the directions for use for the following organisms on the label:
Enveloped Virus	Feline Calicivirus
Large, non-enveloped virus	Feline Calicivirus
Small, non-enveloped virus	Feline Calicivirus and Rhinovirus Type 37

HOCL 180 has demonstrated effectiveness against viruses similar to [name of emerging virus] on hard, nonporous surfaces. Therefore, HOCL 180 can be used against [name of emerging virus] when used in accordance with the directions for use against [name of supporting virus(es)] on hard, non-porous surfaces. Refer to the [CDC or OIE] website at [pathogen-specific website address] for additional information.

[Name of illness/outbreak] is caused by [name of emerging virus]. HOCL 180 kills similar viruses and therefore can be used against [name of emerging virus] when used in accordance with the directions for use against [name of supporting virus(es)] on hard, non-porous surfaces. Refer to the [CDC or OIE] website at [website address] for additional information.

## GENERAL MEDICAL CLAIMS

- ((Cleans) (and) Disinfects (& Deodorizes)) hard, non-porous surfaces in Acute care facilities
- Kills (Effective against) (99.9%) (of) {insert disinfection organism(s) with 2 minute contact time from Organism Table} (on hard, non-porous surfaces in acute care facilities)
- Kills (Effective against) (99.9%) (of) {insert disinfection organism(s) with 3 minute contact time from Organism Table} (in 3 minutes) (on hard, non-porous surfaces in acute care facilities)
- Kills (99.9%) of bacteria and viruses (in (two) (2) min(utes) (on hard, nonporous surfaces))\*
- Kills (99.9%) of bacteria and viruses in (3) (three) min(utes)) (on hard, nonporous surfaces)\*
- Kills (99.9%) of (germs) (bacteria (and) (&) viruses\*) in ((two) (2) min(utes)\*)(in 3 minutes\*) (on hard, nonporous surfaces)
- Kills (SARS-CoV-2) (SARS-CoV-2, the virus that causes COVID-19) on hard, non-porous surfaces
- Ready to use Disinfectant
- Tested according to the AOAC test method
- Meets surface disinfection recommendations from OSHA Bloodborne Pathogen Standards
- Bactericidal
- Disinfectant
- (Also) Effective against ({insert organism(s) from Organism Table})
- Virucidal(\*)

**CLAIM QUALIFYING STATEMENTS**

<i>Symbol</i>	<i>Description</i>	<i>Claim Qualifier Text</i>
*	<i>Disinfection organisms</i>	(Kills (99.9%) (of) Canine Parvovirus in three -or- 3 minutes on hard non-porous surfaces).  <i>Note: If the distributed product label contains efficacy claims against Canine Parvovirus, the above text shall not be optional.</i>  Kills (over) (99.9% of) (household) (germs) (specifically,(,)(: )) SARS-CoV-2 (Coronavirus), (Staphylococcus aureus), (Pseudomonas aeruginosa), (Salmonella enterica), (Escherichia coli), (Methicillin Resistant Staphylococcus aureus) (MRSA), (Klebsiella Pneumoniae), (Bordetella bronchiseptica), (Streptococcus pyogenes), (Trichophyton mentagrophytes), (Influenza A Virus)(-) (Swine Flu )(H1N1), (Murine Norovirus,) (Rhinovirus Type 37,) (Respiratory Syncytial Virus) (RSV), (Human Coronavirus Type 229E,) (Herpes Simplex Virus Types 1 & 2,) (Canine Distemper,) (Feline Calicivirus (surrogate for)) (Human Norovirus) (&) (and) (Human Hepatitis C Virus,) ( {insert selected two minute disinfection organism(s) from Organism Table} ) (in (two) (2) minutes)) on hard-non porous surfaces. (Kills (99.9%) (of) Canine Parvovirus in three -or- 3 minutes on hard non-porous surfaces).
†	<i>Food Contact Surface Sanitization Organisms with 1-minute contact time</i>	Salmonella enterica
††	<i>Non-Food Contact Surface Sanitization Organisms with contact time up to 5 minutes</i>	Staphylococcus aureus, & Enterobacter aerogenes, Salmonella Enterica, Methicillin Resistant Staphylococcus aureus (MRSA)
‡	<i>Non-Food Contact Surface Sanitization Organisms with contact time of 30 seconds</i>	Salmonella Enterica, Methicillin Resistant Staphylococcus aureus (MRSA)
<sup>1</sup>	<i>Hard Non-Porous Surface Qualifier</i>	hard, non-porous surfaces only
<sup>2</sup>	<i>Temperature adjustment qualifier</i>	Allow surface to come to room temperature before treating

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## **DIRECTIONS FOR USE:**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For visibly soiled surfaces, (a) pre-cleaning (step) is required.

Spray (this product) at a distance of 6-8 in., until visibly wet. (No rinsing -or- rinse necessary, (even on food contact surfaces.))

## **SANITIZATION:**

### **Hard, Non-Porous Non-food Contact Surfaces:**

Remove visible soil and thoroughly pre-clean surface prior to sanitizing.

#### **Spray**

(To kill 99.9% of bacteria on (all) non-food contact surfaces –or– sanitize (all) hard, non-porous non-food contact surfaces.) Let Stand -or- Allow surfaces to remain visibly wet for 30 seconds‡ -or- 5 minutes††. ((If desired) wipe with paper towel or clean dish towel). (Air dry) (air or towel dry).

*Note: The instructions shall use the 5 minute contact time option when claiming efficacy against Enterobacter aerogenes or sanitization action against MRSA on the distributed product label.*

### **Hard, Non-Porous Food Contact Surfaces:**

Remove visible soil and thoroughly pre-clean surface prior to sanitizing.

#### **Spray**

(To kill 99.9% of bacteria on (all) food-contact surfaces –or– sanitize (all) food-contact surfaces.) Let stand -or- Allow surfaces to remain visibly wet for (1 minute)(60 seconds). ((If desired) wipe with paper towel or clean dish towel). (Air dry) (Air or towel dry).

## **HARD NON-POROUS SURFACE DISINFECTION**

(To kill (99.9%) of (germs) (viruses\* and bacteria) on (all) hard, non-porous surfaces) (to disinfect (all) hard, non-porous surfaces.) Let stand -or- Allow surfaces to remain visibly wet for 2 -or- two minutes.((If desired) wipe with paper towel or clean dish towel.) (Air dry.) (Air or towel dry.)

## **ALTERNATE INSTRUCTIONS: HARD NON-POROUS SURFACE DISINFECTION**

*Alternate disinfection instructions for use when efficacy against Canine Parvovirus is claimed on distributed product label.*

(To kill (99.9%) of (germs) (viruses\* and bacteria) on (all) hard, non-porous surfaces) (to disinfect (all) hard, non-porous surfaces.) Let stand -or- Allow surfaces to remain visibly wet for 3 -or-three minutes. ((If desired) wipe with paper towel or clean dish towel.) (Air dry.) (Air or towel dry.)

-or-

(To kill (99.9%) of (germs) (viruses\* and bacteria) on (all) hard, non-porous surfaces) (to disinfect (all) hard, non-porous surfaces.) Let stand -or- Allow surfaces to remain visibly wet) for 2 -or- two minutes. For disinfection against Canine Parvovirus, allow surfaces to remain wet for 3 minutes. ((If desired) wipe with paper towel or clean dish towel.) (Air dry.) (Air or towel dry.)

## **NON-CRITICAL MEDICAL EQUIPMENT DISINFECTION**

**For Pre-cleaning Instruments, Equipment and Surfaces Prior to Disinfection:** Apply directly to the surface. Allow to remain wet for 30 seconds. Wipe surface using a paper or cloth towel to dry. Discard towel.

**For Disinfecting Non-critical Instruments and Equipment Surfaces:** Thoroughly pre-clean surfaces prior to disinfection. Apply directly to pre-cleaned surfaces, thoroughly wetting area to be disinfected. Allow the surface to be wet for (2)(3) minutes at room temperature. Wipe surface using a paper or cloth towel to dry. Discard towel.

*Note: Use contact time in accordance with organisms listed on the distributed product label. When distributed product label claims efficacy against Canine Parvovirus, the 3-minute contact time must be used.*

**For Use as a Pre-cleaning Spray:** Place instruments into suitable container. Spray disinfectant solution onto instruments so as to thoroughly wet all surfaces. Allow to remain wet for 30 seconds. Remove the instruments. Follow with appropriate cleaning and disinfection process by following directions for that product. When the solution becomes diluted or visibly soiled, change solution.

The 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) contact intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical devices prior to sterilization or high-level disinfection.

Multipurpose broad-spectrum disinfectant for use in healthcare and other areas where control of cross contamination between treated hard non-porous surfaces is required. May be used for instrument pre-cleaning and disinfection of non-critical instruments. May be used on hard non-porous surfaces such as {insert surface from Medical Hard Nonporous Surface Materials, Table 3}

## **VETERINARY AND ANIMAL SURFACE DISINFECTION**

To clean and disinfect hard, non-porous surface, first remove all animals and (feed) (food) from the (premises) (enclosure) (cage). Remove (all) (litter) (droppings) (and) (manure) (feces) (excrement) from (cages) (floors) (walls) (surfaces) (facilities) (occupied by) (traversed by) animals. Saturate surfaces with {insert disinfectant brand name}. Surface must remain visibly wet for (2)(3) minutes. Allow equipment and surfaces to completely dry after application. After application, ventilate closed enclosures and spaces.

*Note: Use contact time in accordance with organisms listed on the distributed product label. When distributed product label claims efficacy against Canine Parvovirus, the 3-minute contact time must be used.*

May be used on hard non-porous surfaces such as {insert surface from Veterinary Hard Nonporous Surface Materials, Table 4}

May be used on hard non-porous surfaces such as {insert surface from Veterinary Hard Nonporous Surface Materials, Table 4}



## FOOD SERVICE SURFACE DISINFECTION

**Food Processing and Service Establishments:** Before using this product, food products and packaging materials must be removed from the area or carefully protected. Spray (this product) on surface (until thoroughly wet). Allow surfaces to remain visibly wet for (2)(3) minutes. (If desired) wipe with paper towel or clean dish towel. (Air dry.) (No rinsing necessary.) For visibly soiled surfaces, (a) pre-cleaning (step) is required.

*Note: Use contact time in accordance with organisms listed on the distributed product label. When distributed product label claims efficacy against Canine Parvovirus, the 3-minute contact time must be used.*

May be used on hard non-porous surfaces such as {insert surface from Food Service Hard Nonporous Surface Materials, Table 5}.

## ORGANISM TABLE

This product has been tested and found effective against the following micro-organisms

<b>Bacteria: Broad-Spectrum &amp; Hospital</b>	<b>Contact Time</b>
Staphylococcus aureus (ATCC 6538)	2 min
Pseudomonas aeruginosa (ATCC 15442)	2 min
Salmonella enterica (ATCC 10708)	2 min
Escherichia coli (ATCC 11229)	2 min
Methicillin Resistant Staphylococcus aureus (MRSA) (ATCC 33591)	2 min
Klebsiella Pneumoniae (ATCC 4352)	2 min
Bordetella bronchiseptica (ATCC 31437)	2 min
Streptococcus pyogenes (ATCC 19615)	2 min
<b>Fungi:</b>	
Trichophyton mentagrophytes (ATCC 9533)	2 min
<b>Viruses:</b>	
Influenza A Virus - Swine Flu (H1N1) (ATCC VR-1469)	2 min
Murine Norovirus (Strain: MNV-G)	2 min
Rhinovirus Type 37 (ATCC VR-1147, Strain 151-1)	2 min
Respiratory Syncytial Virus (RSV) (ATCC VR-26)	2 min
Human Coronavirus (ATCC VR-VR740, Strain 229E)	2 min
Herpes Simplex Virus Type 1 (ATCC VR-733)	2 min
Herpes Simplex Virus Type 2 (ATCC VR-734)	2 min
Canine Parvovirus (ATCC VR-2017)	3 min
Canine Distemper (ATCC VR-1587)	2 min
Feline Calicivirus (Surrogate for Human Norovirus) (ATCC VR-782)	2 min
SARS-CoV-2 (Strain: USA-WA1/2020)	2 min
Bovine Viral Diarrhea (Surrogate for Human Hepatitis C Virus) (Strain: NADL)	2 min

<b>Sanitization: Non-food Contact</b>	
Staphylococcus aureus (ATCC 6538)	5 min
Enterobacter aerogenes (ATCC 13048)	5 min
Salmonella Enterica (ATCC 10708)	30 sec
Methicillin Resistant Staphylococcus aureus (MRSA) (ATCC 33591)	30 sec
<b>Sanitization: Food Contact</b>	
Salmonella enterica (ATCC 6539)	1 min

**HARD, NON-POROUS SURFACES/USE SITES – May be listed on product label in the singular/plural form. May be connected with the words “and” or “or” when listed and**

TABLE 1: GENERAL USE SITES:

- |  |   |  |
|--|---|--|
| <ul style="list-style-type: none"> <li>• (Around) Toilets</li> <li>• (Baby) Cribs</li> <li>• (Car) (House) Keys</li> <li>• (Computer) Keyboards</li> <li>• (Diaper) Changing Tables</li> <li>• (Empty) Clothes Hampers</li> <li>• (Empty) Garbage Cans</li> <li>• (Grocery) Checkout Areas</li> <li>• (Inside) Freezer(s) (interiors) (and) (exteriors)<sup>2</sup></li> <li>• (Inside) Microwave(s) (interiors) (and) (exteriors)</li> <li>• (Inside) Refrigerator(s) (interiors) (and) (exteriors)<sup>2</sup></li> <li>• (Kitchen) (Bathroom)</li> <li>• (Kitchen) (dining room) Tables</li> <li>• (Kitchen) Appliances</li> <li>• (Salad bar) Sneeze Guards</li> <li>• (Vinyl) Shower Curtains</li> <li>• Animal Equipment</li> <li>• Around Toilet Areas</li> </ul> | <ul style="list-style-type: none"> <li>• Assisted Living</li> <li>• Automobiles</li> <li>• Baby Bottles</li> <li>• Baby Strollers</li> <li>• Baby swings</li> <li>• Baby Toys</li> <li>• (Bath)tubs</li> <li>• Bathroom (counter) tops</li> <li>• Bathroom (surfaces)</li> <li>• Bathroom and kitchen (surfaces)</li> <li>• Beverage bars</li> <li>• Blinds</li> <li>• Boat interiors</li> <li>• Booster chairs</li> <li>• Breast pump parts</li> <li>• Breast pumps</li> <li>• Cabinet Handles</li> <li>• Cabinets</li> <li>• Can openers</li> <li>• Cars</li> <li>• Children’s (Kid’s) (Wading) pool</li> <li>• Children’s (Kid’s) Table</li> <li>• Counter(s) -or- Countertop(s)</li> <li>• Car interiors</li> <li>• CPAP Devices</li> <li>• Cupboards</li> <li>• Dairy cases</li> <li>• Day Cares</li> <li>• Desks</li> </ul> | <ul style="list-style-type: none"> <li>• Diaper Pails</li> <li>• Dining Room Tables</li> <li>• Dish Racks</li> <li>• Dishwashers</li> <li>• Door Handles</li> <li>• Doorknobs</li> <li>• Doors</li> <li>• Drain boards</li> <li>• Dryers</li> <li>• Faucets</li> <li>• Floors</li> <li>• Food Cases</li> <li>• Food Contact Surfaces -hard non-porous</li> <li>• Food Preparation (Surfaces) (Areas)</li> <li>• Food serving areas</li> <li>• Food trays</li> <li>• Freezers<sup>2</sup></li> <li>• Garbage Can</li> <li>• Grills<sup>2</sup></li> <li>• Grocery Carts</li> <li>• Handrails</li> <li>• Hard surface yoga mats</li> <li>• Highchair Trays</li> <li>• Highchairs</li> <li>• Inside Dishwasher(s) (interiors) (and) (exteriors)</li> <li>• Kennels</li> <li>• Kid’s (Children’s) Playroom (Toys)</li> </ul> |
|--|---|--|

<ul style="list-style-type: none"> <li>• Kitchen (Counter)(tops)</li> <li>• Kitchen Surfaces</li> <li>• Kitchen tools</li> <li>• Knives</li> <li>• Laundry Rooms</li> <li>• Light Switches</li> <li>• Litter box</li> <li>• Lunch Pails</li> <li>• Lunchboxes</li> <li>• Phones</li> <li>• Piano Keys</li> <li>• Plastic Cutting Boards</li> <li>• Plastic Patio Furniture</li> <li>• Playpens</li> <li>• Potty-Chair(s) (Seats)</li> <li>• Preschools</li> <li>• Puppy Pads</li> <li>• Range hoods</li> <li>• Range tops<sup>2</sup></li> <li>• Recycling Bins</li> <li>• Refrigerators<sup>2</sup></li> <li>• Restrooms</li> </ul>	<ul style="list-style-type: none"> <li>• Medicine Dropper</li> <li>• Mouth guard</li> <li>• Neti Pots</li> <li>• Newborn Nurseries</li> <li>• Neonatal Nurseries</li> <li>• Night Guard (for) (Teeth)</li> <li>• Nursing Homes</li> <li>• Offices</li> <li>• Orthotics</li> <li>• Shower (Faucets) (Doors) (Handles) (Fixtures) (Walls) (Floors)</li> <li>• Sink (Faucets) (fixtures) (Handles)</li> <li>• Sinks</li> <li>• Snack counters</li> <li>• Soap Dispensers</li> <li>• Steering wheel</li> <li>• Storage Areas</li> <li>• Stovetops<sup>2</sup></li> <li>• Tables</li> <li>• Thermos</li> <li>• Tiled Fixtures</li> <li>• Toasters</li> </ul>	<ul style="list-style-type: none"> <li>• Oven doors</li> <li>• Ovens<sup>2</sup></li> <li>• Pacifiers</li> <li>• Pet Bowl (s) (Areas)</li> <li>• Pet Cages</li> <li>• Pet areas</li> <li>• Pet Feeding Dishes</li> <li>• Pet Toy</li> <li>• Toilet (Flushing) (handles) (seats) (surfaces) exteriors</li> <li>• Tongs</li> <li>• Towel (tissue) dispensers</li> <li>• Toys</li> <li>• Under Sinks</li> <li>• Vanities</li> <li>• Vanity Tables</li> <li>• Walls</li> <li>• Washing Machines</li> <li>• Waste Basket</li> <li>• Windowsill</li> </ul>
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TABLE 2: USE SURFACES:

<ul style="list-style-type: none"> <li>• Ceramic -and/or- Glazed Tile</li> <li>• Chrome</li> <li>• Corian</li> <li>• Formica</li> <li>• Glass</li> </ul>	<ul style="list-style-type: none"> <li>• Linoleum</li> <li>• Metal</li> <li>• Non-Porous Plastic</li> <li>• Glazed Porcelain</li> <li>• Sealed Granite</li> <li>• Sealed Marble</li> </ul>	<ul style="list-style-type: none"> <li>• Stainless Steel</li> <li>• Vinyl</li> <li>• Finished -and/or- Painted Wood</li> </ul>
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TABLE 3: MEDICAL HARD NONPOROUS SURFACE SITES

<ul style="list-style-type: none"> <li>• acute care facilities</li> <li>• Autoclaves</li> <li>• bed pans</li> <li>• bed railing</li> <li>• behind and under wash basins</li> <li>• blood glucose monitors</li> </ul>	<ul style="list-style-type: none"> <li>• cabinet handles</li> <li>• cabinets</li> <li>• pipes</li> <li>• (plastic) (or) (vinyl) mattress covers</li> <li>• Desktops</li> <li>• (exam) (examination) tables</li> </ul>	<ul style="list-style-type: none"> <li>• exterior surfaces of air vent exteriors</li> <li>• external (medical) equipment surfaces</li> <li>• external surfaces of dialysis machines</li> <li>• orthotics</li> </ul>
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<ul style="list-style-type: none"> <li>• hard nonporous medical surfaces</li> <li>• ambulance or transport vehicles</li> <li>• anesthesia rooms or areas</li> <li>• (assisted living) (full care) nursing homes</li> <li>• (bed) (head) (foot) board</li> <li>• blood banks</li> <li>• nursing or nurses' stations</li> <li>• (blood) (plasma) (semen) donation centers</li> <li>• bp monitors</li> <li>• carts</li> <li>• CATH labs or laboratories</li> <li>• central service</li> <li>• central service areas</li> <li>• chemotherapy hoods</li> <li>• CPAP Devices</li> <li>• critical care units or CCUs</li> <li>• (external) (exterior of) dialysis machines</li> <li>• emergency rooms or ERs</li> <li>• exam or examination rooms</li> <li>• (eye) surgical centers</li> <li>• Footboards</li> <li>• glucometer or blood glucose monitors headboards</li> <li>• health care settings or facilities</li> </ul>	<ul style="list-style-type: none"> <li>• home health care</li> <li>• hospices</li> <li>• high touch surfaces</li> <li>• (hospital) (patient) bed railings or linings or frames</li> <li>• (inner) (inside of) drawers</li> <li>• IV poles</li> <li>• mammography equipment</li> <li>• patient chairs</li> <li>• phone cradle</li> <li>• Ultrasound transducers</li> <li>• IV Stands</li> <li>• reception counters or desks or areas</li> <li>• shower fixtures</li> <li>• stretchers</li> <li>• wheelchairs</li> <li>• external surfaces of respiratory equipment</li> <li>• hard nonporous hospital surfaces external surfaces of ultrasound transducers &amp; probes medical facilities</li> <li>• medical or physicians or doctors' offices</li> <li>• (neonatal intensive care units) (NICU)</li> <li>• newborn or neonatal nurseries</li> <li>• nurse call (device) (button) (cord)</li> <li>• nursing or rest homes</li> </ul>	<ul style="list-style-type: none"> <li>• operating room(s) or OR(s)</li> <li>• ophthalmic offices orthopedic(s)</li> <li>• (clinics) outpatient clinics</li> <li>• outpatient surgical centers</li> <li>• patient care areas</li> <li>• patient restrooms</li> <li>• patient rooms</li> <li>• (pediatric) (exam(ination)) (room(s)) (area(s))</li> <li>• Pharmacies</li> <li>• physical therapy rooms or areas</li> <li>• physician offices</li> <li>• radiology or x ray rooms or areas</li> <li>• recovery rooms</li> <li>• rehabilitation</li> <li>• respiratory therapy rooms or areas</li> <li>• sill(s)</li> <li>• surgery rooms or operating rooms or ORs</li> <li>• (hospital) Kitchens</li> <li>• Hospitals</li> <li>• intensive care units Isolation areas</li> <li>• Labs or Laboratories (medical) clinics</li> <li>• Transport vehicles</li> <li>• (TV) Remote(s) (controls)</li> <li>• (Mayo) (instrument) stands</li> </ul>
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TABLE 4: VETERINARY HARD NONPOROUS SURFACE SITES

<ul style="list-style-type: none"> <li>• Animal Housing Facilities</li> <li>• Animal Life Science Laboratories</li> <li>• (Animal) (Pet) Grooming Facilities</li> </ul>	<ul style="list-style-type: none"> <li>• Kennels</li> <li>• (Livestock) (Swine) (Equine) (Poultry) Facilities</li> <li>• Pet Areas</li> <li>• Pet (Hotels) (Motels)</li> </ul>	<ul style="list-style-type: none"> <li>• Pet (Shops) (Stores)</li> <li>• Small Animal Facilities</li> <li>• Veterinary (Clinics) (Facilities)</li> <li>• Veterinary Offices</li> </ul>
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|---|---|--|
| <ul style="list-style-type: none"> <li>• (Veterinary) (Animal) Hospitals</li> <li>• Animal equipment automatic feeders</li> <li>• Cages</li> <li>• External surfaces of veterinary equipment</li> <li>• Feed racks</li> </ul> | <ul style="list-style-type: none"> <li>• Fountains</li> <li>• Hard, non-porous environmental veterinary surfaces</li> <li>• Pens</li> <li>• Reception (counters) (desks) (areas)</li> <li>• Stalls</li> </ul> | <ul style="list-style-type: none"> <li>• Troughs</li> <li>• Veterinary care surfaces</li> <li>• Watering appliances</li> <li>• Animal carriers</li> <li>• Animal enclosures</li> </ul> |
|---|---|--|

TABLE 5: FOOD SERVICE HARD NONPOROUS SURFACE SITES<sup>2</sup>

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|--|--|---|
| <ul style="list-style-type: none"> <li>• (Food) Processors</li> <li>• (Meat), (Fish), (Poultry), (Produce) Washers</li> <li>• (Processing) Hand (Power) Tools (Processing) Vacuums</li> <li>• (Refrigerated) Food Display Equipment<sup>2</sup></li> <li>• Bakery Equipment</li> <li>• Bars</li> <li>• Basins</li> <li>• Beer (Tap) Lines</li> <li>• Beverage (Bottled Water) (Juice) (Beer) (Liquor) (Wine) Plants</li> <li>• Beverage Bars (Equipment) Bins</li> <li>• Blanchers</li> <li>• Blenders</li> <li>• Bottlers (Breweries) (Distilleries) (Wineries) Cafeterias</li> <li>• Bottling Equipment</li> <li>• Bread Slicing Machines</li> <li>• Break Rooms</li> <li>• Buffet Counters Cabinets</li> <li>• Canning Equipment Carts</li> <li>• Cheese Making Equipment</li> <li>• Chiller Tanks<sup>2</sup></li> </ul> | <ul style="list-style-type: none"> <li>• Choppers</li> <li>• Clarifiers</li> <li>• Cleaning In Place (CIP)</li> <li>• (Coffee) (Donut) (Bagel) Shops</li> <li>• Coffee and Tea Equipment</li> <li>• Commercial - or - Institutional Kitchens</li> <li>• Concession Equipment</li> <li>• Conveyor Systems</li> <li>• Cooking Equipment</li> <li>• Coolers<sup>2</sup></li> <li>• Counters (Countertops)</li> <li>• Crispers</li> <li>• (Cruise Ship) (Airline) (Train) (Rail) Food Processing (Preparation) Areas</li> <li>• Cutters</li> <li>• Cutting Board(s)</li> <li>• Dairy (Milk) (Ice Cream) Processing Plants</li> <li>• Dairy Cases</li> <li>• Dairy Farms (Facilities)</li> <li>• Dairy Lines</li> <li>• Deboners</li> <li>• Delis</li> <li>• Descalers</li> <li>• Dicers</li> </ul> | <ul style="list-style-type: none"> <li>• Dining Rooms (Halls)</li> <li>• Dish Racks</li> <li>• Drain boards</li> <li>• Exterior surfaces of Food Cases</li> <li>• Drainboards</li> <li>• Drinking Fountains Dryers</li> <li>• Eating Establishments</li> <li>• Egg Processing Plants</li> <li>• Evaporators</li> <li>• Exterior surfaces of Appliances</li> <li>• Exterior surfaces of Dish racks</li> <li>• Exterior surfaces of Food Trays</li> <li>• Exterior surfaces of Freezers Hoods</li> <li>• Exterior surfaces of Microwaves</li> <li>• Exterior surfaces of Ovens</li> <li>• Exterior surfaces of Refrigerators</li> <li>• Exterior surfaces of Stoves - or- Stovetops</li> <li>• Extractors</li> <li>• Fast Food Chains - or- Restaurants</li> <li>• Faucets</li> <li>• Filleting Machines</li> </ul> |
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| <ul style="list-style-type: none"><li>• Filling Line Equipment</li><li>• Filling, Seaming, Sealing and Capping Equipment</li><li>• Food (Beverage) Preparation and Processing Areas</li><li>• Food Cases</li><li>• Food Contact Surfaces</li><li>• Food Processing and Fabrication Areas</li><li>• Food Processing Equipment</li><li>• Food Processing Plants [Facilities]</li><li>• Food Service - or- Processing Establishments</li><li>• Food Serving Areas</li><li>• Food Storage Areas</li><li>• Food Trays</li><li>• Freezers**</li><li>• (Fruit) (Vegetable) (Produce) (Potato) Processing Facilities</li><li>• Fryers<sup>2</sup></li><li>• Grills<sup>2</sup></li><li>• Grinders</li><li>• Highchairs (Trays)</li><li>• Hoists</li><li>• Homogenizers</li><li>• Hooks</li><li>• Hospitality Establishment</li><li>• Ice Cream Machines (Equipment)<sup>2</sup></li><li>• Ice Machines (Chests)<sup>2</sup></li><li>• Juicers Kettles</li><li>• Kitchen Appliances</li><li>• Kitchen Surfaces</li></ul> | <ul style="list-style-type: none"><li>• Labeling Machines</li><li>• Liquor (Convenience) Stores</li><li>• Lunch (Boxes) (Pails)</li><li>• Lunchrooms</li><li>• Meat (Poultry) (Fish) Processing Plants</li><li>• Meat (Poultry) (Fish) Producing Establishments</li><li>• Meat Cutting Machines</li><li>• Microwaves<sup>2</sup></li><li>• Milking Machines (Equipment)</li><li>• Millers</li><li>• Mixing Equipment (Mixers)</li><li>• Other Food Service Establishments</li><li>• Outdoor furniture (excluding wood frames and upholstery)</li><li>• Ovens<sup>2</sup></li><li>• Packaging Equipment</li><li>• Pasteurizers</li><li>• Pickers</li><li>• Picnic Tables</li><li>• Plastic and other non-porous Chopping Blocks</li><li>• Plastic Cutting Boards</li><li>• Pre-mixing Equipment</li><li>• Processing Vessels</li><li>• Pulpers</li><li>• Pumps</li><li>• Racks</li><li>• Ranges<sup>2</sup></li></ul> | <ul style="list-style-type: none"><li>• Refrigerator Bins<sup>2</sup> used for meat, vegetables, fruit, eggs and dairy</li><li>• Refrigerators<sup>2</sup></li><li>• Rendering Plants</li><li>• Restaurants</li><li>• Salad bar sneeze guards</li><li>• Salad Bars</li><li>• Saws</li><li>• Scalders</li><li>• Scales</li><li>• School Kitchens</li><li>• Separators</li><li>• Shackles</li><li>• Shelving</li><li>• Shredders</li><li>• Sinks</li><li>• Skinning Equipment</li><li>• Slicers</li><li>• Slush (Ice) Machines (Equipment)<sup>2</sup></li><li>• Smokehouses</li><li>• Snack Bars</li><li>• Snack Counters</li><li>• Sorters</li><li>• Steam Tables<sup>2</sup></li><li>• Storage Tanks</li><li>• Stovetops<sup>2</sup></li><li>• Stuffers</li><li>• Supermarkets (Grocery Stores)</li><li>• Tables</li><li>• Tanks</li><li>• Teat (Cups) (Tubes)</li><li>• Toasters</li><li>• Trolleys Warming Equipment</li><li>• Yogurt Machines<sup>2</sup> (Equipment)</li></ul> |
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**SAMPLE OPTIONAL PACKAGING RELATED ICONS/GRAPHICS**

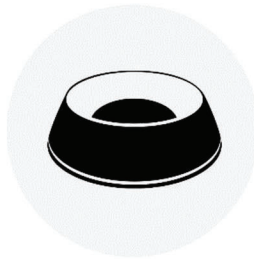
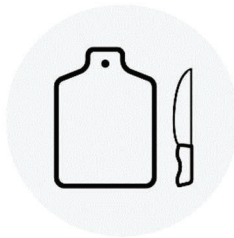
*NOTE: The graphics and icons below are representative but style may vary.*



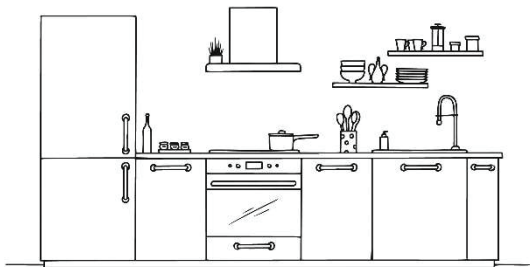
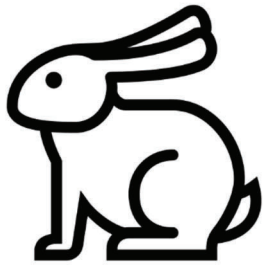
KILLS OVER  
**99.9%**  
OF BACTERIA AND  
VIRUSES  
IN 2 MINUTES\*

KILLS OVER  
**99.9%**  
OF BACTERIA AND  
VIRUSES  
IN 3 MINUTES\*

[INSERT PRODUCT  
CLAIM]







*Must have appropriate certifications to use the following:*



### **STORAGE AND DISPOSAL – Residential Containers**

**Storage:** Store this product in its original sealed container at room temperature, away from direct sunlight and heat to avoid deterioration. Do not allow product to freeze.

**Disposal:** Non-refillable container. Do not reuse or refill this container. Offer for recycling if available.

### **STORAGE AND DISPOSAL – Non-residential Containers**

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

**Storage:** Store this product in its original sealed container at room temperature, away from direct sunlight and heat to avoid deterioration. Do not allow product to freeze.

**Disposal:** Pesticide wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Handling:** Non-refillable container. Do not reuse or refill this container. Offer for recycling if available.