

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

February 1, 2023

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

Tony Herber Agent Clorox Professional Products Company c/o PS&RC; P. O. Box 493 Pleasanton, CA 94566-0803 therber@srcconsultants.com

Subject: Notification per PRN 98-10 – Minor Labeling Revision

Product Name: Carb

EPA Registration Number: 67619-21

Received Date: 07/07/2022 Action Case Number: 00376946

Dear Mr. Herber:

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

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

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

If you have any questions, you may contact Terria Northern by email at northern.terria@epa.gov.

Sincerely,

Terria Northern

Registration Risk Manager

Regulatory Management Branch II

**Antimicrobials Division** 

#### Label identification

Carb, EPA Reg. No. 67619-21

R0803112

12:05 6/27/22

### NOTIFICATION

#### 67619-21

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

02/01/2023

**Formatting notes** (applicable for all claims)

Now[!] -and/or- New[ly][!] -and/or- Improved[!] may be added anywhere to a claim and will only be used for the first 6 months of product on shelf.

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

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

Bracketed information is optional text.

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

The word "and" may be substituted with "&". Plural words may be used in their singular form or singular words may be used in their plural form unless otherwise specified in 40 CFR.

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

All use surfaces and/or use sites on the label may be listed in conjunction with an image of the use surface and/or use site.

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

# Carb

# KEEP OUT OF REACH OF CHILDREN

**WARNING:** See back panel for additional precautionary statements.

# **ACTIVE INGREDIENTS:**

Octyl decyl dimethyl ammonium chloride. . . . 0.1890% Dioctyl dimethyl ammonium chloride . . . . . . 0.0945% Didecyl dimethyl ammonium chloride .....0.0945% Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium chlorides ...0.2520% 

Contains no phosphorus

[NET] [WT[.]] \_\_\_\_\_

#### This product must not result in the direct or indirect contamination of food products.

#### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS & DOMESTIC ANIMALS

WARNING: Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear protective eye wear (safety glasses). Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. If skin contact with product occurs, wash thoroughly with soap and water, especially prior to food handling and preparation. Remove or cover aguariums and cages before use.

FIRST AID: If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing the eye. Call a poison control center or doctor for further treatment advice. Have the product container with you when calling a poison control center or doctor or going for treatment. Questions? Call 1-888-797-7225.

PHYSICAL HAZARDS: Flammable: Contents under pressure. Keep away from heat, sparks and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130° Fahrenheit may cause bursting.

Questions? Comments? Call toll-free 1-888-797-7225

www.cloroxprofessional.com

For more [product -and/or-ingredient] information, visit IngredientsInside.com -or- insert website(s).

For [a] Spanish translation of product directions -or- instructions -or- information, visit *insert website*.

Mfd. for Clorox Professional Products Company

1221 Broadway, Oakland, CA 94612

© YYYY The Clorox Company

Commercial Solutions -and/or- CloroxPro® are -or- is a [registered] trademark of The Clorox Company -or- Clorox Professional Products Company.

Clorox is a [registered] trademark of The Clorox Company

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

EPA Reg. No. 67619-21

EPA Est. No. 5813-CA-6 (TPP), GA-2 (VG), IL-2 (VF); 74216-IL-1 (WV); 71681-IL-1 (03), IL-2 (24); 81368-OH-1 (28)

Beginning of batch code indicates Est. No.

EPA Est. No. language: all Est. Nos. listed in this format must have plant code in parentheses if product will be repackaged

#### Optional Packaging Recycling Logos





## **DIRECTIONS FOR USE**

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

[Shake well.] For use on non-food contact surfaces only. For surfaces that may come in contact with food [such as countertops and high chairs], a potable water rinse is required. Do not use on glassware, utensils or dishes.

**To Disinfect**: Spray 6 to 10 in[ches] -or- 6 - 10" from precleaned surface for 3-4 sec[onds] -or- until thoroughly wet. Surface must remain wet for 10 min[utes]. A potable water rinse is required for food contact surfaces.

Do not use on glasses, dishes, or utensils.

To deodorize: Spray on precleaned surfaces as needed.

#### To control and prevent the growth of mold:

Spray precleaned surface until thoroughly wet. Surface must remain wet for 1 min[ute] before wiping or air drying. Respray product as necessary for ongoing -or- continual control.

#### For Medical Device Use Surfaces

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.

#### Specific instructions for HIV-1, HBV and HCV:

To kill HIV-1, HBV and HCV:

This product kills HIV-1, HBV and HCV on precleaned hard, nonporous surfaces -and/or- objects previously soiled with blood/body fluids in health care settings (e.g. hospitals, nursing homes) 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) (associated with AIDS), Human Hepatitis B Virus (HBV) and Human Hepatitis C Virus (HCV).

Special instructions for using this product to clean and decontaminate against HIV-1 on surfaces/objects soiled with blood/body fluids: Personal protection: When handling items soiled with blood or body fluids, use disposable latex 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. Disposal of infectious materials: Use disposable latex 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.

Contact time: Spray -or- flood surface. Let stand 30 seconds. [Rinse -or- wipe clean.] [Allow to air dry.]

#### Residential Use

#### STORAGE AND DISPOSAL:

Store at temperatures below 130°F in a locked storage area inaccessible to children and persons unfamiliar with its use. DO NOT PUNCTURE OR INCINERATE! Offer for recycling; if not available, discard empty container in trash. If partially filled: Call your local solid waste agency for disposal instructions.

#### Commercial/Institutional/Industrial Use

#### STORAGE AND DISPOSAL:

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

**Pesticide Storage:** Store at temperatures below 130° F in a locked storage area inaccessible to children and 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 Handling:** DO NOT PUNCTURE OR INCINERATE! Offer for recycling; if not available, discard in trash. If partially filled: Call your local solid waste agency for disposal instructions.

#### **Disinfecting Claims**

- Antibacterial [spray -and/or- action -and/or- formula]
- An effective disinfectant for use in the kitchen, bathroom, bedroom, and other areas
- Antibacterial [Formula]
- Antibacterial Formula Disinfects
- Antibacterial -or- Germicidal [on hard, nonporous surfaces] [for Kitchens and Bathrooms]
- Antibacterial -or- Germicidal [Formula]
- Antimicrobial
- Bactericidal
- [Bathroom -or- Restroom -and/or- Kitchen] disinfectant
- Broad Spectrum Hospital Disinfectant
- Controls [and] [prevents] mold growth
- Disinfects & Deodorizes
- Disinfectant
- Disinfectant [for Institutional Use]
- Disinfecting formula
- Disinfecting spray
- Disinfect[s]
- Disinfects [Germs]
- Disinfects [washable] kitchen surfaces including killing [99.9% of] germs -and/or- bacteria -and/or- viruses‡ -and/or- fungi
- Effective against [2009] H1N1 [Flu Virus]
- For Hospital -and/or- Commercial -and/or- Industrial & Institutional Use
- For Healthcare Use
- For Hospital Use
- Fungicidal
- Germicidal
- Germicidal against the following [organisms][:] -or- [This product] kills the following [organisms][:] -or- Disinfects against the following [organisms] -and/or- Fungicidal -and/or- Virucidal‡[:] insert organism(s) from Organism Table
- Hospital disinfectant
- Kills 99.9% of Bacteria
- Kills [99.9% of] Germs
- Kills [99.9%] of Germs including [2009] H1N1 [Flu Virus]
- Kills [99.9% of] [kitchen -and/or- bathroom] bacteria
- Kills [99.9% of] insert organism(s) from Organism Table
- Kills [and prevents the growth of] mold
- Kills Avian Influenza virus[§]
- Kills bacteria -and/or- germs -or- viruses‡ on washable kitchen -and/or- bathroom surfaces and fixtures
- Kills bacteria -and/or- viruses‡
- Kills Flu Virus[4] [Influenza A Virus]
- Kills Germs -and/or- Flu Viruses<sup>4</sup> [including [2009] H1N1]
- Kills [household] bacteria [without bleaching]
- Kills Influenza A Virus [the virus that causes the common flu]
- Kills [Salmonella enterica] [kitchen bacteria]
- Leaves hard, nonporous surfaces sanitary -or- disinfected in 10 min[utes]

- Multi-purpose disinfectant [spray]
- Provides broad spectrum kill of Gram negative and Gram positive microorganisms
- Pseudomonacidal<sup>2</sup>
- Ready to use disinfectant
- · Ready to use formula provides disinfecting and deodorizing
- Spray
- Staphylocidal<sup>3</sup>
- [This product] deodorizes and disinfects hard, nonporous surfaces
   -or- insert use surface(s) from Table 1 -and/or- insert surface
   material(s) from Table 3
- [This product] kills 99.9% of bacteria & viruses‡
- [This product] kills bacteria, viruses‡ and mold
- [This product] kills germs throughout the kitchen -or- restaurant -or- establishment -or- building on hard, nonporous surfaces plus controls mold growth
- This product kills germs -or- Kills -or- Disinfects against the following bacteria, viruses<sup>‡</sup>, fungi[:] insert organism(s) from Organism Table
- This product meets efficacy standards for hospital disinfectants
- This product inhibits growth of mold
- [This product] is a disinfectant that disinfects, and deodorizes in one labor saving step
- This product is effective against the pathogenic fungus
   Trichophyton interdigital tested as Trichophtyon mentagrophytes
   (Athlete's Foot Fungus) when used as directed for disinfection with a contact time of 1 min[ute] on hard, nonporous surfaces in bathrooms, including shower stalls, floors, and glazed bathroom tiles
- This product meets AOAC Germicidal Spray Product Test
   efficacy standards for hospital disinfectants [This product] was
   tested according to the AOAC Germicidal Spray Product Test for
   disinfectants
- [This product] will disinfect hard, nonporous surfaces [insert use surface(s) from Table 1 -and/or- insert surface material(s) from Table 3] [in insert use site(s) from Tables 2]
- Use on non-critical surfaces in[:] insert use site(s) from Table 2
- Use [this product] to disinfect nonporous insert use surface(s) from Table 1 -and/or- insert surface material(s) from Table 3.
   [Rinse all equipment that comes in prolonged contact with skin before reuse with clean warm water (120°), and allow to air dry.
- Use this product to disinfect nonporous *insert surface(s) from Table 4*. Rinse all equipment that comes in prolonged contact with skin before reuse with clean warm water (about 120°F), and allow to air dry. [(Caution: Cleaning at the 120°F temperature will avoid overheating and distortion of the personal safety equipment that would necessitate replacement.)
- Virucidal<sup>‡</sup>

#### Emerging Viral Pathogen 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

For an emerging virus that is a/an	follow the directions for use for the following organisms on the label:
Enveloped virus	Adenovirus Type 14 Adenovirus Type 2 Coxsackie Virus Echovirus Type 12 Feline Calicivirus (as surrogate for Norovirus) Hepatitis A Virus Poliovirus Rhinovirus Type 39 Rotavirus
Large non-enveloped virus	Coxsackie Virus Echovirus Type 12 Feline Calicivirus (as surrogate for Norovirus) Hepatitis A Virus Poliovirus Rhinovirus Type 39
Small non-enveloped virus	Coxsackie Virus <sup>5</sup> Echovirus Type 12 <sup>5</sup> Feline Calicivirus (as surrogate for Norovirus) <sup>5</sup> Hepatitis A Virus <sup>5</sup> Poliovirus <sup>5</sup> Rhinovirus Type 39

**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 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 CDC -or- OIE website at insert pathogen-specific website address for additional information.

# Organism Table

Bacteria	Strain and/or ATCC	Contact Time
Acinetobacter baumannii	[ATCC 15308]	3 min[utes]
Burkholderia cepacia	[ATCC 25416]	3 min[utes]
Campylobacter jejuni	[ATCC 29428]	3 min[utes]
Carbapenem-Resistant Klebsiella pneumoniae	[ATCC BAA-1705]	3 min[utes]
Community-Associated Methicillin-Resistant Staphylococcus aureus [(CA-MRSA)] [Genotype 300]	[Genotype 300]	3 min[utes]
Community-Associated Methicillin-Resistant Staphylococcus aureus [(CA-MRSA)] [Genotype 400]	[Genotype 400] [Clinical Isolate 08005]	3 min[utes]
Corynebacterium diphtheriae	[ATCC 11913]	3 min[utes]
Enterobacter aerogenes	[ATCC 13048]	3 min[utes]
Enterobacter cloacae	[ATCC 35549]	3 min[utes]
Enterococcus faecalis	[ATCC 29212]	3 min[utes]
Escherichia coli [(E.coli)]	[ATCC 11229]	3 min[utes]
Escherichia coli O157:H7	[ATCC 35150]	3 min[utes]
ESBL (Extended Spectrum Beta Lactamase) producing Escherichia coli [(ESBL producing E. coli)]	[ATCC BAA-196]	3 min[utes]
Extended Spectrum Beta Lactamase producing Klebsiella pneumoniae [(ESBL producing Klebsiella pneumoniae)]	[ATCC 700603]	3 min[utes]
Klebsiella oxytoca	[ATCC 43165]	3 min[utes]
Klebsiella pneumoniae	[ATCC 4352]	3 min[utes]
Legionella pneumophila	[ATCC 33153]	3 min[utes]
Listeria monocytogenes	[ATCC 19111]	3 min[utes]
Methicillin-Resistant Staphylococcus aureus [(MRSA)] [100]	[Genotype USA 100 NARSA NRS382]	3 min[utes]
Methicillin-Resistant Staphylococcus aureus [(MRSA)] [200]	[Genotype USA 200 NARSA NRS383]	3 min[utes]
Methicillin-Resistant Staphylococcus aureus	[ATCC 33591]	3 min[utes]
Multidrug-Resistant Klebsiella pneumoniae	[ATCC 51503]	3 min[utes]
Penicillin-Resistant Streptococcus pneumoniae	[ATCC 700671]	3 min[utes]
Proteus mirabilis	[ATCC 7002]	3 min[utes]
Proteus vulgaris	[ATCC 27973]	3 min[utes]
Pseudomonas aeruginosa	[ATCC 15442]	3 min[utes]
Pseudomonas putida	[ATCC 12633]	3 min[utes]
Salmonella enterica	[ATCC 10708]	3 min[utes]
Salmonella enterica [serovar – paratyphi B]	[ATCC 8759]	3 min[utes]
Salmonella enteritidis	[ATCC 13076]	3 min[utes]
Salmonella enterica <i>tested as Salmonella typhi</i>	[ATCC 6539]	3 min[utes]
Serratia marcescens	[ATCC 14756]	3 min[utes]
Shigella dysenteriae [(Shigella)]	[ATCC 13313]	3 min[utes]
Staphylococcus aureus [(Staph)]	[ATCC 6538]	3 min[utes]
Stenotrophomonas maltophilia	[ATCC 13637]	3 min[utes]
Streptococcus pneumoniae [(Strep)]	[ATCC 33400]	3 min[utes]
Streptococcus pyogenes [(Strep)]	[ATCC 19615]	3 min[utes]
Vancomycin-Resistant Enterococcus faecalis (VRE)	[ATCC 51299]	3 min[utes]
Mycobacterium		
Mycobacterium bovis (BCG) -or- TB (21°C)		5 min[utes]

Candida albicans  Candida glabrata  Trichophyton interdigitale tested as Trichophyton mentagrophytes [(Trichophyton)]  Viruses Enveloped  ‡Avian Influenza Virus <sup>[§]</sup> [(H5N1)]  ‡. #Bovine viral diarrhea Virus (surrogate for Human Hepatitis C Virus) [(HCV)]  ‡Cytomegalovirus  ‡. #Duck Hepatitis B Virus (DHBV) (surrogate for Human Hepatitis B Virus) [(HBV)]  #Hantavirus  #Herpes Simplex Virus Type 1  #Herpes Simplex Virus Type 2  #Human Coronavirus  ‡. #Human Immunodeficiency Virus (HIV) Type 1 [(HIV-1)]  #Human Influenza A Virus [(H1N1)]  #Human Influenza B Virus  ‡Respiratory Syncytial Virus [(RSV)]  ‡SARS-Associated Coronavirus (SARS)  Viruses Large Non-Enveloped  ‡Adenovirus Type 2	[ATCC 10231] [ATCC 2001] [ATCC 9533]  Strain and/or ATCC [NIBRG-14]  [ATCC VR-538] [Strain AD-169]  [Prospect Hill] [ATCC VR-260] [ATCC VR-734] [ATCC VR-740] [Strain 229-E]  [A/PR/8/34]	1 min[ute] 1 min[ute] 1 min[ute] 1 min[ute]  Contact Time 30 sec[onds]
Trichophyton interdigitale <i>tested as Trichophyton mentagrophytes</i> [(Trichophyton)]  **Wiruses Enveloped  **Avian Influenza Virus <sup>[S]</sup> [(H5N1)]  ** ##Bovine viral diarrhea Virus (surrogate for Human Hepatitis C Virus) [(HCV)]  **Cytomegalovirus  ** ##Duck Hepatitis B Virus (DHBV) (surrogate for Human Hepatitis B Virus) [(HBV)]  #Hantavirus  **Herpes Simplex Virus Type 1  #Herpes Simplex Virus Type 2  #Human Coronavirus  ** ##Human Immunodeficiency Virus (HIV) Type 1 [(HIV-1)]  #Human Influenza A Virus [(H1N1)]  #Human Influenza B Virus  **Respiratory Syncytial Virus [(RSV)]  **SARS-Associated Coronavirus (SARS)	[ATCC 9533]  Strain and/or ATCC  [NIBRG-14]  [ATCC VR-538] [Strain AD-169]  [Prospect Hill] [ATCC VR-260] [ATCC VR-734] [ATCC VR-740] [Strain 229-E]	1 min[ute]  Contact Time 30 sec[onds]
Viruses Enveloped  ‡Avian Influenza Virus <sup>[S]</sup> [(H5N1)]  ‡ #Bovine viral diarrhea Virus (surrogate for Human Hepatitis C Virus) [(HCV)]  ‡ Cytomegalovirus  ‡ #Uuck Hepatitis B Virus (DHBV) (surrogate for Human Hepatitis B Virus) [(HBV)]  ‡ Hantavirus  ‡ Herpes Simplex Virus Type 1  ‡ Herpes Simplex Virus Type 2  ‡ Human Coronavirus  ‡ #Human Influenza A Virus [(H1N1)]  ‡ Human Influenza B Virus  ‡ Respiratory Syncytial Virus [(RSV)]  ‡ SARS-Associated Coronavirus (SARS)	Strain and/or ATCC  [NIBRG-14]  [ATCC VR-538] [Strain AD-169]  [Prospect Hill]  [ATCC VR-260]  [ATCC VR-734]  [ATCC VR-740] [Strain 229-E]	Contact Time     30 sec[onds]
‡Avian Influenza Virus <sup>[S]</sup> [(H5N1)]  ‡. ‡Bovine viral diarrhea Virus (surrogate for Human Hepatitis C Virus) [(HCV)]  ‡Cytomegalovirus  ‡. ‡Duck Hepatitis B Virus (DHBV) (surrogate for Human Hepatitis B Virus) [(HBV)]  ‡Hantavirus  ‡Herpes Simplex Virus Type 1  ‡Herpes Simplex Virus Type 2  ‡Human Coronavirus  ‡. ‡Human Immunodeficiency Virus (HIV) Type 1 [(HIV-1)]  ‡Human Influenza A Virus [(H1N1)]  ‡Human Influenza B Virus  ‡Respiratory Syncytial Virus [(RSV)]  ‡SARS-Associated Coronavirus (SARS)	[NIBRG-14]  [ATCC VR-538] [Strain AD-169]  [Prospect Hill] [ATCC VR-260] [ATCC VR-734] [ATCC VR-740] [Strain 229-E]	30 sec[onds]
‡Avian Influenza Virus <sup>[S]</sup> [(H5N1)]  ‡. ‡Bovine viral diarrhea Virus (surrogate for Human Hepatitis C Virus) [(HCV)]  ‡Cytomegalovirus  ‡. ‡Duck Hepatitis B Virus (DHBV) (surrogate for Human Hepatitis B Virus) [(HBV)]  ‡Hantavirus  ‡Herpes Simplex Virus Type 1  ‡Herpes Simplex Virus Type 2  ‡Human Coronavirus  ‡. ‡Human Immunodeficiency Virus (HIV) Type 1 [(HIV-1)]  ‡Human Influenza A Virus [(H1N1)]  ‡Human Influenza B Virus  ‡Respiratory Syncytial Virus [(RSV)]  ‡SARS-Associated Coronavirus (SARS)	[NIBRG-14]  [ATCC VR-538] [Strain AD-169]  [Prospect Hill] [ATCC VR-260] [ATCC VR-734] [ATCC VR-740] [Strain 229-E]	30 sec[onds]
# #Bovine viral diarrhea Virus (surrogate for Human Hepatitis C Virus) [(HCV)]  # Cytomegalovirus  # # Duck Hepatitis B Virus (DHBV) (surrogate for Human Hepatitis B Virus) [(HBV)]  # Hantavirus  # Herpes Simplex Virus Type 1  # Herpes Simplex Virus Type 2  # Human Coronavirus  # # Human Immunodeficiency Virus (HIV) Type 1 [(HIV-1)]  # Human Influenza A Virus [(H1N1)]  # Human Influenza B Virus  # Respiratory Syncytial Virus [(RSV)]  # SARS-Associated Coronavirus (SARS)   * Viruses Large Non-Enveloped	[ATCC VR-538] [Strain AD-169]  [Prospect Hill] [ATCC VR-260] [ATCC VR-734] [ATCC VR-740] [Strain 229-E]	30 sec[onds]
‡- ##Duck Hepatitis B Virus (DHBV) (surrogate for Human Hepatitis B Virus) [(HBV)]  #Hantavirus  #Herpes Simplex Virus Type 1  #Herpes Simplex Virus Type 2  #Human Coronavirus  #- ##Human Immunodeficiency Virus (HIV) Type 1 [(HIV-1)]  #Human Influenza A Virus [(H1N1)]  #Human Influenza B Virus  #Respiratory Syncytial Virus [(RSV)]  #SARS-Associated Coronavirus (SARS)	[Strain AD-169]  [Prospect Hill]  [ATCC VR-260]  [ATCC VR-734]  [ATCC VR-740]  [Strain 229-E]	30 sec[onds]
##Duck Hepatitis B Virus (DHBV) (surrogate for Human Hepatitis B Virus) [(HBV)]  #Hantavirus  #Herpes Simplex Virus Type 1  #Herpes Simplex Virus Type 2  #Human Coronavirus  ##Human Immunodeficiency Virus (HIV) Type 1 [(HIV-1)]  #Human Influenza A Virus [(H1N1)]  #Human Influenza B Virus  #Respiratory Syncytial Virus [(RSV)]  #SARS-Associated Coronavirus (SARS)	[Strain AD-169]  [Prospect Hill]  [ATCC VR-260]  [ATCC VR-734]  [ATCC VR-740]  [Strain 229-E]	30 sec[onds] 30 sec[onds] 30 sec[onds] 30 sec[onds] 30 sec[onds] 30 sec[onds]
†Hantavirus  †Herpes Simplex Virus Type 1  †Herpes Simplex Virus Type 2  †Human Coronavirus  †, ‡†Human Immunodeficiency Virus (HIV) Type 1 [(HIV-1)]  †Human Influenza A Virus [(H1N1)]  †Human Influenza B Virus  †Respiratory Syncytial Virus [(RSV)]  †SARS-Associated Coronavirus (SARS)   Viruses Large Non-Enveloped	[ATCC VR-260] [ATCC VR-734] [ATCC VR-740] [Strain 229-E]	30 sec[onds] 30 sec[onds] 30 sec[onds] 30 sec[onds] 30 sec[onds]
#Herpes Simplex Virus Type 1  #Herpes Simplex Virus Type 2  #Human Coronavirus  #. ##Human Immunodeficiency Virus (HIV) Type 1 [(HIV-1)]  #Human Influenza A Virus [(H1N1)]  #Human Influenza B Virus  #Respiratory Syncytial Virus [(RSV)]  #SARS-Associated Coronavirus (SARS)   Viruses Large Non-Enveloped	[ATCC VR-260] [ATCC VR-734] [ATCC VR-740] [Strain 229-E]	30 sec[onds] 30 sec[onds] 30 sec[onds] 30 sec[onds]
#Herpes Simplex Virus Type 2  #Human Coronavirus  #. ##Human Immunodeficiency Virus (HIV) Type 1 [(HIV-1)]  #Human Influenza A Virus [(H1N1)]  #Human Influenza B Virus  #Respiratory Syncytial Virus [(RSV)]  #SARS-Associated Coronavirus (SARS)   Viruses Large Non-Enveloped	[ATCC VR-734] [ATCC VR-740] [Strain 229-E]	30 sec[onds] 30 sec[onds] 30 sec[onds]
†Human Coronavirus  †, ††Human Immunodeficiency Virus (HIV) Type 1 [(HIV-1)]  †Human Influenza A Virus [(H1N1)]  †Human Influenza B Virus  †Respiratory Syncytial Virus [(RSV)]  †SARS-Associated Coronavirus (SARS)	[ATCC VR-740] [Strain 229-E]	30 sec[onds] 30 sec[onds]
‡, ‡‡Human Immunodeficiency Virus (HIV) Type 1 [(HIV-1)]  ‡Human Influenza A Virus [(H1N1)]  ‡Human Influenza B Virus  ‡Respiratory Syncytial Virus [(RSV)]  ‡SARS-Associated Coronavirus (SARS)   Viruses Large Non-Enveloped	[Strain 229-E]	30 sec[onds]
†Human Influenza A Virus [(H1N1)]  †Human Influenza B Virus  †Respiratory Syncytial Virus [(RSV)]  †SARS-Associated Coronavirus (SARS)   Viruses Large Non-Enveloped	[A/PR/8/34]	
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†SARS-Associated Coronavirus (SARS)  Viruses Large Non-Enveloped	[b/Lee40]	30 sec[onds]
Viruses Large Non-Enveloped	[ATCC VR-26]	30 sec[onds]
	[CDC Strain 200300592]	10 min[utes]
	Chroin and/or ATCC	Contact Time
*Adellovilus Type 2	Strain and/or ATCC	Contact Time
tAdenovirus Type 14	[ATCC VR-846]	10 min[utes]
‡Adenovirus Type 14	+	10 min[utes]
‡Rotavirus	[ATCC VR-899]	10 min[utes]
Viruses Small Non-Enveloped	Strain and/or ATCC	Contact Time
‡Coxsackievirus B3	[ATCC VR-30]	10 min[utes]
‡Echovirus Type 12	[ATCC VR-42]	10 min[utes]
<sup>‡</sup> Feline calicivirus (surrogate for Norovirus)	[ATCC VR-782]	10 min[utes]
<sup>‡</sup> Hepatitis A Virus		10 min[utes]
<sup>‡</sup> Poliovirus [Type 1] [(Polio)]		10 min[utes]
‡Rhinovirus 39	[ATCC VR-1562]	[ 10 111111[ [ atoo]

#### General/Miscellaneous Claims

- Bleach-free
- Clear formula
- Color fast
- Commercial Solutions®
- Contains no abrasives, harsh acids
- Contains no bleach
- Contains no dyes -and/or- added colors
- Convenient
- Deodorizes -and/or- disinfects -or- helps deodorize
- Deodorizer [for Institutional Use]
- Deodorizes food odors [like garlic and onion] [left behind on kitchen surfaces] [after cooking]
- Do not use on acrylic plastics -and/or- natural marble -and/or- painted surfaces -and/or- paper surfaces -and/or-[polished] wood -and/or- rubber -and/or- unfinished wood
- Does not contain bleach
- Dye-Free
- Easy to use
- Eliminates mold odors
- Eliminates odors caused by bacteria [and non-fresh foods]
- Eliminates -or- reduces [kitchen] odors [in the trash can -orrecycling bin odors -or- smells] [caused by bacteria]
- Eliminates -or- Removes [kitchen -and/or- bathroom] odors
- Eliminates pet odors caused by bacteria
- Encourage your local authorities to establish a program to recycle this can
- Kills odor causing bacteria in the kitchen -or- bathroom
- Kills odor causing bacteria
- Kills -or- eliminates bacteria that cause [bad] odors
- For Professional Use
- For use in homes
- For use on both white and colored hard surfaces
- Formula for bathrooms -and/or- kitchens
- Free of Added -and/or- Dyes -and/or- Colors

- Free -or- clear of dyes
- Fresh scent formula
- Fresh Scented
- Great for everyday use [in the kitchen -or- bathroom]
- Great for Kitchens -and/or- Bathrooms [too]
- [Great] For Everyday Use [in Kitchens and Bathrooms]
- Great in the Kitchen and Bathroom
- Has a fresh scent -or- fragrance -or- smell
- [Important Facts about this product[:]]
- Institutional [size]
- Kitchen formula
- · Made for kitchen surfaces and odors
- Multi-Surface
- No mixing
- No Unpleasant Odors
- Non-abrasive formula [will not scratch surfaces]
- Non-Chlorine Formula: Will not bleach clothing or colored surfaces
- [Please] Recycle empty container
- Prevents [odors]
- Professional size
- Removes -or- Eliminates odors
- This can is made from an average of 25% recycled steel (10% postconsumer)
- [This product] deodorizes areas that are hard to keep fresh smelling, in the *insert use site(s) from Table 2*
- [This product] will deodorize hard, nonporous surfaces [including insert use surface(s) from Table 1 -and/or- insert surface material(s) from Table 3 in insert use site(s) from Table 2]
   [where obnoxious odors may develop]
- [This product] will deodorize surfaces in *insert use site(s) from Table 2*
- Will not harm most hard, nonporous surfaces
- Will not harm Special -or- Premium Surfaces

#### Table 1 Hard, Nonporous Use Surfaces

Amalgamators -and/or- dental curing lights

Anesthesia machines Animal equipment

Any washable (food and non-food contact) surface where disinfection is required

Apex locators Apheresis machines

Appliance exterior [surfaces]
Appliance -and/or- cabinet knobs

Around troughs Autoclaves

Automatic feeder exteriors

**Bassinets** 

Bathroom doorknobs [Bathroom] fixtures

[Bathroom -and/or- kitchen] faucets

-and/or- handles

[Bath]tubs
Bed frames
Bedpans
Bedpan cleaner
Bedrails

[Bedside] commodes Bedside tables

Behind and under counters Behind and under sinks Blood pressure cuffs

Blood pressure (BP) monitors

Boats

Booster chairs Burner trays Cabinets Call boxes Car interiors

Carts

CAT -or- Computerized Axial Tomography

equipment Carts Chairs

Charging stations [Children's] furniture

Closets

[Clothes -and/or- diaper]

hampers Coated ceilings

[Common] hard, nonporous [household] surfaces [Computer] keyboards Computer peripherals Computer screens Computer tables Cooler exteriors

Cords

Counter[top]s

[Crash -and/or- emergency] carts

Cribs

Cupboards

Dental countertops Dental operatory surfaces Dentists' -or- dental chairs

Desk [top]s

Diagnostic equipment
[Diaper -or- infant] changing
[tables] [stations]

Diaper pails

Dictating equipment [surfaces]
[Dining -and/or- fast food
-and/or- kitchen -and/orpicnic -and/or- play -and/orrestaurant -and/or- tray] tables

Dining room surfaces

-and/or- tables -and/or- fast food restaurant tables

Dish racks Docking stations

Door [handles -and/or- frames]

Doorknobs
Drain boards
Drawer pulls
Dressing carts

Edges of privacy curtains

Elevator buttons Empty cages

Endodontic equipment Exam[ination] tables Exercise machines Exhaust fans

External surfaces of [medical] equipment -or- [medical] equipment surfaces

Exterior -or- external toilet

surfaces

Exterior -or- external urinal surfaces Exterior surfaces of urinals -and/or- toilets [External] [surfaces of] ultrasound

transducers -and/or- probes

External surfaces of [veterinary] equipment

**Faucets** 

Fax machine [handles]

[Filing -and/or- medicine] cabinets

Feed rack exteriors

**Fixtures** 

Floors [around toilets]

Fountains
Freezer exteriors
Furniture
Garage surfaces
Garbage -or- trash cans
Glazed ceramic [restroom]

surfaces

Glazed [ceramic] tiles

Glazed porcelain tiling -or- tile

Glazed tile

[Grocery [store] -or- supermarket]

cart [handle]s [Grocery [store] -or-

supermarket] cart child seats

Gurneys

Gym[nastic] equipment

Hampers

[Hand]railings -or- rails

Hard, nonporous dental -and/or- hospital -and/or- medical -and/or- veterinary

surfaces Headsets

High chairs (non-food contact)

Hoods

[Hospital -or- patient] beds springs -and/or- railings -and/or- linings

-and/or- frames

IV stands -and/or- pumps -and/or-

poles
Keyboards
Kitchen surfaces
[Kid's] play structures

-and/or- equipment -and/orfurniture -and/or- tables [Kitchen] appliance exteriors

Laminated surfaces

Light fixtures -or- switches -or-

Light lens covers Loupes

panels

Lockers

Mammography equipment

Med[ication] carts Metal blinds

Metal work benches Microwave exteriors Mobile workstations

Mouse pads

MRI -or- Magnetic Resonance Imaging

equipment Office machinery

Office -and/or- bedroom -and/or-

bedside furniture Other telecommunication equipment surfaces

Operating room tables and lights Operating room light switches

Outdoor grill exteriors

Outdoor -and/or- patio furniture

Oven doors Oven exteriors Overbed tables Paddles Patient chairs

Patient monitoring equipment

Pet surfaces

**Phones** 

Plastic -and/or- vinyl mattress covers Patient support and delivery equipment

Pens

Phlebotomy trays

Physical therapy (PT) equipment surfaces

Plastic laundry hampers -or-

baskets

Plastic -or- metal outdoor furniture

(excluding wood frames and upholstery)

Plastic patio furniture
-or- lawn chairs
Plastic shower curtains
Plastic surfaces associated
with[:] floors, walls, fixtures,
toilets, urinals, sinks, shower

rooms and locker rooms
Playground equipment

**Playpens** 

Portable toilet exteriors

[Public -or- pay] telephones

-or- phone booths Pulp testers and motors

Pulse oximeters PVC tubing Range hoods Recycling bins

Reception counters -or- desks Refrigerator door handles Refrigerators exterior Remote controls

Respiratory therapy equipment

Salad bar sneeze guards

Scales Seats

Sequential compression devices

Shelves [and drawers]

Shower -and/or- curtains

-and/or- doors -and/or- stalls

-and/or- walls]

Side rails Signs

Similar hard, nonporous surfaces except for those

excluded by the label

Sink [basins] Slit lamps Spine backboards

Sports equipment Stall doors Stalls

Staplers Stethoscopes Stools

Stoves -or- stovetops

Stretchers

Surfaces in and around toilets in patient

rooms Table[top]s Tile

[Tiled] walls

Tires

[Toilet [flush] -and/ortelephone -and/or- cabinet

-and/or- dishwasher -and/or-

door handles

Toilet -and/or- urinal exterior

[surfaces] -or- exterior toilet surfaces toilet [handles] [rims] [seats] [tops]

Toilet handholds

Tools

Towel dispensers

Toy boxes -or- storage bins

Traction devices

Trailers

[Training] toilets

Trash cans -or- compactors

Tray tables Tubs Urinals Vanities Vanity tops Vehicles

Vending machine surfaces
Veterinary care surfaces

[Vinyl] linoleum -or- wallpaper

Walkers Walls

Walls [around toilets -and/or- in patient

rooms] Wash basins

[Washable] floors [including linoleum, no-wax, vinyl, and

glazed ceramic tile] Washable kitchen surfaces

[Washable] walls Washers/dryers -or-

washing machine exteriors

Wastebaskets

Watering appliance exteriors

Wheelchairs Whirlpool tubs

Window [blinds -and/or- shades]

Windshields Wrestling mats X-ray equipment

#### Table 2 Use Sites

Airplanes **Airports Ambulances** 

Anesthesia Rooms -or- Areas Animal Life Science Laboratories Animal -and/or- Pet Housing -and/or-

Kennels -and/or- Facilities **Animal Holding Areas** 

[Animal -or- Pet] Grooming Facilities **Animal Transportation Vehicles** 

[Assisted Living -or- Full Care] Nursing

Homes

Athletic [Recreational] Facilities

Automobiles **Banquet Halls** 

Bars

Barber Shops **Basements Bathrooms** 

Bathroom -or- Locker Room

**Facilities Beauty Salons** Bedrooms **Blood Banks Boats** 

**Bowling Alleys** 

**Breeding Establishments** 

**Butcher Shops** Cafeterias Campers Cars

CAT Lab[oratories] Catering Facilities Central Service Areas

Central Supply Rooms -or- Areas

Churches Colleges

Commercial -or- Institutional Kitchens

Convenience Stores C[ritical] C[are] U[nit]s **Correctional Facilities** [Damp] Storage Areas **Day Care Centers** Deli[catessen]s Dens

**Dental Offices Dental Operatories** 

Dental -or- Dentists' Offices

Doctor's Offices

Donation Centers [for] [blood -and/orplasma -and/or- semen -and/or- milk

-and/or- apheresis] Dorm[itorie]s

Elevators E[mergency] R[oom]s [Emergency Medical] Transport Vehicles

**Emergency Vehicles** Equine Farms Exam[ination] Rooms Eye Surgical Centers

**Factories Farms** 

Fast Food Chains -or- Restaurants

Fast Food Restaurants

Food Preparation and Processing Areas

[Food Processing] Plants Food [Service -or- Processing]

Establishments Food Serving Areas **Funeral Homes** Garages

[Garbage -and/or-Waste] Storage Areas

Gas Stations **Grocery Stores** Gymnasiums -or- Gyms Health Care Settings -or- Facilities Health Club [Facilities] Home Health Care [Settings]

Homes **Home Centers** Hospices Hospitals

[Hospital] Kitchens

Hotels

Industrial Facilities Institutional Kitchens [Institutional] Laundromats

Institutions

Intensive Care Units -or- ICU [areas]

Kennels Laboratories Laundry [Rooms] Lavatories

Livestock -and/or- Swine -and/or- Poultry

**Facilities** Locker Rooms Lodging Establishment Long Term Care Facilities

Lounges Malls

Manufacturing Plants -or- Facilities

Markets

Mass Merchandisers, Discount Retailers -and/or- General Merchandise Stores

[Medical] Clinics [Facilities]

Medical Facilities

Medical -and/or- Physician's -and/or-

Doctor's Offices Military Installations Mobile Homes

Mortuaries Motels Motor Homes Mudrooms

Newborn -and/or- Neonatal [Nurseries -and/or- Intensive Care] Units [NICU]

Nurseries **Nursing Homes** 

Nursing -or- Nurses' Stations

Office [Buildings] Operating Rooms -or- ORs Ophthalmic Offices Orthopedics

Other Food Service Establishments Outpatient Surgical Centers (OPSC) -and/or- Clinics -and/or- Facilities

Patient Areas Patient Restrooms Patient Rooms

[Pediatric] Examination Rooms -or- Areas P[ediatric] I[ntensive] C[are] U[nits]

Pet Areas -and/or- Quarters Pet Shops -or- Stores

**Pharmacies** Physicians' Offices

Physical Therapy Rooms -or- Areas

Play Areas -or- Rooms

Playgrounds

[Police -and/or- Fire] Vehicles

**Produce Areas Psychiatric Facilities Public Areas Public Facilities Public Restrooms** 

Public Telephone [Booths]

Radiology Reception areas Recovery Rooms

Recreational Centers -or- Facilities

Rehabilitation Centers

Rental Cars Rest Stops Restaurants Restroom Areas Restrooms Retail businesses

**RVs** 

School Buses School Kitchens

Schools Shelters Ships

**Shopping Centers** 

Shops

Shower Rooms -or- Areas

Small Animal Facilities

Sports Arenas

Storage Rooms -or- Areas

Subways Supermarkets

Surgery Rooms Tack Shops

Toolsheds

**Transportation Terminals** 

Trains Trolleys Universities Vacation Homes

Veterinary Clinics -and/or- Facilities Veterinary -or- Animal Hospitals [Veterinary] Offices -and/or- Waiting

Rooms

Veterinary Exam[ination] Rooms

Veterinary X-ray Rooms
Veterinary Operating Rooms

Waiting Areas Warehouse Clubs X-Ray Rooms -or- Areas

Zoos

#### Table 3 Surface Materials

[baked] enamel chrome

crystal (non-food contact)
Formica[λλ][®]

glazed ceramic glazed porcelain [hard] plastic -or- vinyl

laminate linoleum Marlite[\lambda\lambda\lambda][\text{@}] metal

plastic [laminate]

plexiglass porcelain enamel sealed fiberglass stainless steel synthetic marble vinyl [tile]

Do Not Use On: acrylic plastics natural marble painted surfaces paper surfaces [polished] wood

rubber

unfinished wood

#### Table 4 Personal Protective Safety Surfaces

face shields

full face breathing apparatus

gas masks goggles

half mask respirators

hard hats hearing protectors personal protective safety equipment

protective headgear

PVC

silicone rubber spectacles

vinyl-covered earmuffs

#### **Footnotes**

- <sup>1</sup> This product contains sodium nitrite
- <sup>2</sup> Pseudomonas aeruginosa
- <sup>3</sup> Staphylococcus aureus, MRSA<sup>6</sup>
- <sup>4</sup> Influenza A Virus, Avian Influenza A Virus, Influenza B Virus
- <sup>5</sup> Use 10-minute contact time
- <sup>6</sup> Methicillin-Resistant Staphylococcus aureus, [(MRSA)]

[‡ Viruses]

[<sup>‡‡</sup> Bloodborne Pathogens]

- § Kills Avian Influenza Virus on precleaned hard, nonporous surfaces
- <sup>þ</sup> [on] hard, nonporous surfaces [of]
- [\lambda\lambda] Formica[@] is a [registered] trademark of [The Diller Corporation] [a subsidiary of] [Formica] [Formica Corporation] [or one or more of its affiliates].
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