

67619-21

10/06/2011

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OCT - 6 2011

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Ms. J. Evelyn Lawson
Clorox Professional Products Company
C/o PS&RC; P. O. 493
Pleasanton, CA 94566-0803

Subject: Carb
EPA Registration Number: 67619-21
Application Date: May 17, 2011
Application Receipt: May 18, 2011

Dear Ms. Lawson:

The efficacy study, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable.

Proposed Amendment

- Addition of a new alternate formulation A04
- Addition of new fragrance to basic and alternate formulations A01-A04
- Addition of website, alternate establishment number, and specific instructions for HIV, HBV, and HCV

Data Summary

Data Requirement	Means of Support	Status
AOAC Germicidal Spray - <i>P. aeruginosa</i> , <i>S. aureus</i> , <i>S. enterica</i>	Submitted study, MRID 484838-01	Acceptable -RTU at 2.5 minutes in 5% soil.
Virucidal Efficacy - Rhinovirus type 39	Submitted study, MRID 484838-01	Acceptable -RTU at 20 seconds in 5% soil.
Virucidal Efficacy - Avian Influenza (H1N1)	Submitted study, MRID 484838-01	Acceptable -RTU at 30 seconds in 5% soil.
Initial Virucidal Efficacy - BVDV	Submitted study, MRID 484838-01	Acceptable -RTU at 30 seconds in 5% soil.
Confirmatory Virucidal Efficacy - BVDV	Submitted study, MRID 484838-01	Acceptable -RTU at 30 seconds in 5% soil.
Virucidal Efficacy - Poliovirus Type 1	Submitted study, MRID 484838-01	Acceptable -RTU at 30 seconds in 5% soil.

CONCURRENCES

SYMBOL	SURNAME	DATE					

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General Comments

The Confidential Statements of Formula for the basic and alternate formulations A01 – A04 dated 5/16/2011 are acceptable. They are in compliance with PR Notice 91-2 and in agreement with the label.

A stamped accepted label is enclosed for your records. Submit a final printed label before selling or distributing bearing the revised labeling.

Should you have any questions regarding this letter, please contact me by telephone at (703) 308-6416 or by email at Campbell-mcfarlane.jacqueline@epa.gov or Killian Swift by telephone at (703)308-6346 or by email at swift.killian@epa.gov.

Sincerely,

Jacqueline Campbell
Product Manager (34)
Regulatory Management Branch II
Antimicrobials Division (7510P)

Enclosure: Stamped label

CONCURRENCES

CONCURRENCES							
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SURNAME							
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Note: ***Bold, italicized text is information for the reader and is not part of the label.***
[Bracketed information is optional text.] Underlined text is new. Strike-through (text) means removed.
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CARB

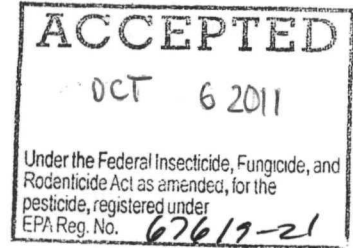
ACTIVE INGREDIENTS:

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%
Ethanol.....	58.0600%
OTHER INGREDIENTS‡:.....	41.3100%
TOTAL:.....	100.0000%

‡ This product contains sodium nitrite

KEEP OUT OF REACH OF CHILDREN

WARNING: See back panel for additional
precautionary statements.



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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 aquariums 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.

(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.

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

www.cloroxprofessional.com

A list of this product's ingredients is available at www.CloroxCSR.com

Mfd. for Clorox Professional Products Company

1221 Broadway, Oakland, CA 94612

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EPA Reg. No. 67619-21

Preferred language or label generated for one location only or if no plant code available (note: styles cannot be mixed)

EPA Est. No. 58996-MO-1 -or- 5813-ARG-1

Language similar to the following is needed if more than one

EPA Est. No. listed above

Actual EPA Est. No. in code above -or- below.

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

EPA Est. No. 58996-MO-1 (AU); 5813-GA-2 (VG); 71681-GA-1 (JQ),
IL-1 (GU), IL-2 (24); 81368-OH-1 (28)

Made in [the] USA -or-
Made in Argentina
Contains no phosphorus
Contains no CFCs or other
ozone depleting substances
Federal Regulations Prohibit
CFC Propellants in Aerosols



DISINFECTION

To Disinfect: Spray 6 to 10 inches from precleaned surface for 3-4 seconds -or- until thoroughly wet. Surface must remain wet for 10 minutes. A potable water rinse is required for food contact surfaces.

Do not use on glasses, dishes, or utensils.

Claims:

- Antibacterial [spray] [action] [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] [Restroom] [Kitchen] disinfectant
- Broad Spectrum Hospital Disinfectant
- Disinfects & [and] 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
- Easily disinfect
- For [Hospital] [Commercial] [Industrial] & Institutional Use
- For Healthcare Use
- For Hospital Use
- Fungicidal -or- Antifungal
- Germicidal
- Hospital disinfectant
- Kills 99.9% of Bacteria
- Kills [99.9% of] Germs
- Kills [99.9% of] [kitchen] [bathroom] bacteria
- Kills [99.9% of] **see organism list**
- Kills Avian Influenza virus**
- Kills bacteria -or- germs -or- viruses on washable kitchen -and/or- bathroom surfaces and fixtures
- Kills bacteria -or- viruses
- Kills Flu Virus[†] [Influenza A virus]
- 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 minutes
- Multi-purpose disinfectant [spray]
- Provides broad spectrum kill of Gram negative and Gram positive microorganisms

- Pseudomonacidal
- Ready to use disinfectant
- Ready to use formula provides disinfecting and deodorizing
- Spray
- Staphylocidal
- [This product] deodorizes and disinfects hard, nonporous surfaces -or- **list any use sites: Tables 1-5**
- [This product] is a disinfectant that disinfects, and deodorizes in one labor saving step
- This product is a Broad Spectrum disinfectant, bactericidal according to the AOAC Germicidal Spray Products test method
- This product is effective against the pathogenic fungi Trichophyton mentagrophytes (Athlete's Foot Fungus) when used as directed for disinfection with a contact time of 1 minute on hard, nonporous surfaces in bathrooms, including shower stalls, floors, and glazed bathroom tiles
- [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 meets AOAC Germicidal Spray Product Test efficacy standards for hospital disinfectants
- [This product] will disinfect hard, nonporous surfaces **[[insert surface[s] from Tables 1-5] [use site[s] from Tables 1-5]]**
- Use [this product] to disinfect nonporous **[insert use sites/surfaces from Tables 1-5]**. [Rinse all equipment that comes in prolonged contact with skin before reuse with clean warm water (120°), and allow to air dry.
- Virucidal†† -or- Antiviral††
- [Virucidal††] [Bactericidal] [Pseudomonacidal] [Fungicidal] [Deodorizer]

**Kills Avian Influenza virus on precleaned hard, nonporous surfaces

†Influenza A virus

Germicidal against the following [organisms]: -or- [This product] kills the following [organisms]: -or- Disinfects against the following [organisms] -and/or- Fungicidal -and/or- Virucidal††:

Organisms:

See organism list

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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.

[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.

GENERAL CLAIMS

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

Claims:

- Do not use on [polished] wood, painted surfaces, acrylic plastics
- Bleach-free
- Clear formula
- Color fast
- Commercial Solutions®
- Contains no abrasives, harsh acids
- Contains no bleach
- Convenient
- Does not contain bleach
- Easy to use
- Eliminates -or- Removes [kitchen] [bathroom] odors
- For Professional Use
- For use in homes
- For use on both white and colored hard surfaces
- Formula for bathrooms -and/or- kitchens
- Great for everyday use [in the kitchen -or- bathroom]
- Great for Kitchen[s] -and/or- Bathroom[s] [too]
- [Great] For Everyday Use [in Kitchens and Bathrooms]
- Great in the Kitchen and Bathroom
- 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
- Prevents [odors]
- Professional size
- Will not harm most hard, nonporous surfaces
- Will not harm Special -or- Premium Surfaces

DEODORIZATION

To deodorize: Spray on precleaned surfaces as needed.

Claims:

- 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]
- Eliminates mold odor[s]
- Eliminates odors caused by bacteria [and non-fresh foods]
- Eliminates -or- reduces [kitchen] odors [in the trash can -or- recycling bin odors -or- smells] [caused by ~~germs~~ or bacteria]
- Eliminates pet odors caused by ~~germs~~ or bacteria
- Kills odor causing bacteria in the kitchen -or- bathroom
- Kills odor causing bacteria ~~or germs~~
- Kills -or- eliminates bacteria that cause [bad] odors
- [This product] deodorizes areas that are hard to keep fresh smelling, in the [insert use sites from Tables 1-5]
- [This product] will deodorize hard, nonporous surfaces [including [insert surface(s) from Tables 1-5] [use site(s) from Tables 1-5]] [where obnoxious odors may develop]
- [This product] will deodorize surfaces in [insert site(s) from Tables 1-5]
- Removes -or- Eliminates odors

DYE & SCENT DESCRIPTORS AND CLAIMS:

- Contains no [dyes] [added colors]
- Dye-Free
- Free of Added -and/or- Dyes -and/or- Colors
- Free -or- clear of dyes
- Fresh scent formula
- Fresh Scented
- Has a fresh scent -or- fragrance -or- smell

MOLD

To control and prevent the growth of mold:

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

Claims:

- Controls [and] [prevents] mold growth
- Kills [and prevents the growth of] mold
- This product inhibits growth of mold

Organism:

1 minute contact time:

Trichophyton mentagrophytes [ATCC 9533]

Pandemic 2009 H1N1 Influenza A virus

Standard 2009 H1N1 Claims:

- Respiratory illnesses attributable to Pandemic 2009 H1N1 are caused by influenza A virus. This product (***Product Name***) is a broad-spectrum hard surface disinfectant that has been shown to be effective against influenza A virus and is expected to inactivate all influenza A viruses including Pandemic 2009 H1N1 (formerly called swine flu).
- This product has demonstrated effectiveness against influenza A virus and is expected to inactivate all influenza A viruses including Pandemic 2009 H1N1 influenza A virus.
- This product has demonstrated effectiveness against influenza A virus and is expected to inactivate all influenza A viruses including Pandemic 2009 H1N1 (formerly called swine flu).
- Kills Pandemic 2009 H1N1 influenza A virus (formerly called swine flu).
- Kills Pandemic 2009 H1N1 influenza A virus.

Alternate 2009 H1N1 Claims:

- Kills [2009] H1N1 [Flu Virus]
- Kills Germs -and/or- Flu Viruses [including [2009] H1N1]
- Kills [99.9%] of Germs including [2009] H1N1 [Flu Virus]
- Effective against [2009] H1N1 [Flu Virus]

Note: **Bold, italicized text is information for the reader. It is not part of the label.**
[Bracketed information is optional text.] Underlined text is new. Strike-through (text) means removed.
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DISINFECTION continued

Organisms:

[This product] kills germs: -or- Kills -or- Disinfects against the following bacteria, viruses, fungi:

ORGANISMS:

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

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DISINFECTION continued

Fungi:	
1 minute contact time:	
Candida albicans	[ATCC 10231]
Candida glabrata	[ATCC 2001]
Trichophyton mentagrophytes	[ATCC 9533]
Viruses (non-enveloped):	
30 second contact time:	
††Rhinovirus 39	[ATCC VR-340]
10 minute contact time:	
††Adenovirus type 2	[ATCC VR-846]
††Adenovirus type 14	[ATCC VR-15]
††Coxsackievirus B3	[ATCC VR-30]
††Echovirus type 12	[ATCC VR-42]
††Feline calicivirus (surrogate for Norovirus)	[ATCC VR-782]
††Hepatitis A virus	
††Poliovirus [type 1] [Polio]	[ATCC VR-1562]
††Rotavirus	[ATCC VR-899]
Viruses (enveloped):	
30 second contact time:	
††Avian Influenza virus	[H5N1 NIBRG-14]
††Bovine viral diarrhea virus (surrogate for Human Hepatitis C virus) [(HCV)]	
††Cytomegalovirus	[ATCC VR-538 [strain AD-169]]
††Duck Hepatitis B virus (DHBV) (surrogate for Human Hepatitis B virus) [(HBV)]	
††Hantavirus [(Prospect Hill virus)]	
††Herpes Simplex Virus type 1	[ATCC VR-260]
††Herpes Simplex Virus type 2	[ATCC VR-734]
††Human coronavirus	[ATCC VR-740 [strain 229-E]]
††Human Immunodeficiency virus (HIV) type 1 [(HIV-1)]	
††Human Influenza A virus	[A/PR/8/34 (H1N1)]
††Human Influenza B virus	[b/Lee40]
††Respiratory Syncytial Virus (RSV)	[ATCC VR-26]
10 minute contact time:	
††SARS-Associated Coronavirus (SARS)	[CDC strain 200300592]

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[Bracketed information is optional text.] Underlined text is new. Strike-through (text) means removed.
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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 environmental surfaces/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 inanimate 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.]

ENVIRONMENTAL TEXT:

[Important Facts about this product:]

- This can is made from an average of 25% recycled steel (10% post-consumer)

- Encourage your local authorities to establish a program to recycle this can
- [Please] Recycle empty container.

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TABLE 1 Medical:

USE SITES

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

**HARD, NONPOROUS SURFACES
 ASSOCIATED WITH THE FOLLOWING**

anesthesia machines	docking stations	plastic -or- vinyl mattress covers
apheresis machines	edges of privacy curtains	patient monitoring equipment
autoclaves	[exam -or- examination] tables	patient support and delivery equipment
bathroom doorknob	external surfaces of [medical] equipment	phlebotomy trays
bedpans	-or- [medical] equipment surfaces	physical therapy (pt) equipment surfaces
bedpan cleaner	[external] [surfaces of] ultrasound transducers [-and/or- probes]	pulse oximeters
bedrails	gurneys	PVC tubing
[bedside] commodes	hard, nonporous hospital -or- medical surfaces	reception counters -or- desks -or- areas
bedside tables	[hospital -or- patient] bed(s) [springs] [railings] -or- linings -or- frames	remote controls
blood pressure cuffs	IV [stands] [pumps] [poles]	respiratory therapy equipment
blood pressure (BP) monitors	keyboards	scales
cabinets	large surfaces	sequential compression devices
call boxes	loupes	side rails
CAT -or- Computerized Axial Tomography equipment	mammography equipment	slit lamps
carts	medication carts	small surfaces
chairs	mobile workstations	spine backboards
charging stations	mouse pads	stethoscopes
computer peripherals	MRI -or- Magnetic Resonance Imaging equipment	stools
computer screens	operating room tables and lights	stretchers
computer tables	operating room light switches	surfaces in and around toilets in patient rooms
cords	overbed tables	toilet handholds
counters	paddles	traction devices
[crash] [emergency] carts	patient chairs	walls [around toilet] [in patient rooms]
diagnostic equipment		wash basins
		wheelchairs
		x-ray equipment

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.

PERSONAL PROTECTIVE SAFETY EQUIPMENT

face shields	protective headgear	spectacles
goggles	silicone rubber -or- PVC hearing protectors	vinyl covered earmuffs
hard hats		

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Use on non-critical surfaces in:		TABLE 2 Dental:
USE SITES	SURFACES	
Dental Offices	amalgamators -and/or- dental curing lights	endodontic equipment such as apex locators
Examination Rooms	dental countertops	hard, nonporous [environmental] dental surfaces
Dental Operatories	dental operatory surfaces	light lens covers
Dental -or- Dentists' Offices	dentists' -or- dental chairs	pulp testers and motors
		reception counters -or- desks -or- areas

TABLE 3 Veterinary and Farm:		
USE SITES		
Animal Life Science Laboratories	Farms	Veterinary Clinics -or- Facilities
Animal [Pet] Housing [Kennels] [Facilities]	Kennels	Veterinary -or- Animal Hospitals
Animal Holding Areas	Livestock -and/or- Swine -and/or- Poultry	Veterinary [Offices] [Waiting Rooms]
[Animal -or- Pet] Grooming Facilities	Facilities	Veterinary [Examination Rooms]
Animal Transportation Vehicles	Pet [Areas] [Quarters]	Veterinary [X-ray Rooms]
Breeding Establishments	Pet Shops -or- Stores	Veterinary [Operating Rooms]
Equine Farms	Small Animal Facilities	Zoos
	Tack Shops	

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.

SURFACES		
animal equipment	feed rack exteriors	reception counters -or- desks -or- areas
around troughs	fountains	stalls
automatic feeder exteriors	hard, nonporous [environmental] veterinary surfaces	veterinary care surfaces
empty cages	pens	watering appliance exteriors
external surfaces of [veterinary] equipment		

TABLE 4 Food Service:		
USE SITES		
Banquet Halls	Delis [Delicatessens]	Other Food Service Establishments
Bars	Fast Food Chains -or- Restaurants	Restaurants
Cafeterias	Food Preparation and Processing Areas	School Kitchens
Catering Facilities	Food [Service -or- Processing] Establishments	
Commercial -or- Institutional Kitchens	Food Serving Areas	

SURFACES		
any washable (food and non-food contact) surface where disinfection is required	food cases	plastic -or- metal outdoor furniture (excluding wood frames and upholstery)
appliances exteriors	food trays	refrigerator[s] exteriors
dish racks	freezers exteriors	salad bar sneeze guards
drain boards	hoods	stoves -or- stovetops
	microwave[s] exteriors	
	oven[s] exteriors	

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TABLE 5 Miscellaneous/General:

USE SITES

Airplanes [Airports]	Gas Stations	Play Areas -or- Rooms
Ambulances	Grocery Stores	Playgrounds
Athletic [Recreational] Facilities	Gymnasiums -or- Gyms	[Police -and/or- Fire] Vehicles
Automobiles	Health Club[s] [Facilities]	Produce Areas
Barber Shops	Homes	Public Areas
Basements	Home Centers	Public Facilities
Bathrooms	Hotels	Public Restrooms
Bathroom -or- Locker Room Facilities	Industrial Facilities	Public Telephone[s] [Booths]
Beauty Salons	Institutional Kitchens	Recreational Centers -or- Facilities
Bedrooms	[Institutional] Laundromats	Rental Cars
Blood Banks	Institutions	Rest Stops
Boats	Kennels	Restaurants
Bowling Alleys	Kitchen[s] [surfaces]	Restrooms -or- Restroom Areas
Buses	Laboratories	Retail businesses
Butcher Shops	Laundromats	School Buses
Cafeterias	Laundry Rooms	Schools
Campers	Lavatories	Shelters
Cars	Locker Rooms	Ships
Churches	Lodging Establishment	Shopping Centers
Colleges	Lounges	Shops
Convenience Stores	Malls	Shower Rooms
Correctional Facilities	[Manufacturing] Plants	Sports Arenas
[Damp] Storage Areas	Manufacturing Plants -or- Facilities	Storage Rooms -or- Areas
Day Care Centers	Markets	Subways
Dens	Mass Merchandisers, Discount Retailers -and/or- General Merchandise Stores	Supermarkets
Dorms	Military Installations	Toolsheds
Dormitories	Mobile Homes	Transportation Terminals
Elevators	Mortuaries	Trains
Emergency Vehicles	Motels	Trolleys
Factories	Motor Homes	Universities
Fast Food Restaurants	Mudrooms	Vacation Homes
[Food Processing] Plants	Nurseries	Warehouse Clubs
Funeral Homes	Office[s] [Buildings]	
Garages	Pet Areas	A potable water rinse is required for food contact surfaces.
[Garbage] [Waste] Storage Areas	Pharmacies	Do not use on glassware, utensils, or dishes.

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TABLE 5 Miscellaneous/General: continued

SURFACES

appliance exterior[s] [surfaces]	dressing carts	lockers	stainless steel
appliance -or- cabinet knobs	elevator buttons	[medicine] cabinets	stall doors
baked enamel	exercise machines	metal	staplers
bassinets	exhaust fans	metal blinds	stovetops -or- stoves
[bathroom] fixtures	exterior -or- external toilet	metal work benches	synthetic marble
[bathroom] [kitchen] faucet[s]	surfaces	microwave exterior	tables [tabletops]
[handles]	exterior -or- external urinal	office machinery	[tiled] walls
[bath]tubs	surfaces	office -or- bedroom -or-	tires
bed frames	exterior surfaces of	bedside furniture	[toilet [flush]] [telephone]
behind and under counters	urinals -and/or- toilets	other telecommunication	[cabinet]
behind and under sinks	faucets	equipment surfaces	[dishwasher] [door] handles
boats	fax machine[s] [handles]	outdoor grill exteriors	toilet -and/or- urinal exterior[s]
booster chairs	[filling] [medicine] cabinets	outdoor -or- patio furniture	[surfaces] -or- exterior toilet
burner trays	fixtures	oven doors	surfaces toilet[s] [handle]
cabinets	floors [around toilets]	pet areas -or- surfaces	[rims] [seats] [tops]
car interiors	furniture	phones	tools
carts	freezer exteriors	plastic laundry hampers -or-	towel dispensers
chairs	garage surfaces	baskets	toy boxes -or- storage bins
[children's] furniture	garbage -or- trash cans	plastic patio furniture	trailers
closets	glazed ceramic [restroom	-or- lawn chairs	[training] toilets
[clothes] [diaper] hampers	surfaces]	plastic shower curtains	trash cans -or- compactors
coated ceilings	glazed [ceramic] tile[s]	plastic surfaces associated with:	tray tables
[computer] keyboards	glazed porcelain [tiling -or- tile]	floors, walls, fixtures, toilets,	tubs
cooler exteriors	[grocery [store] -or-	urinals, sinks, shower rooms	urinals
counters -or- countertops	supermarket] carts	and locker rooms	vanity tops -or- vanities
cupboards	[grocery [store] -or-	playground equipment	vehicles
cribs	supermarket] cart handles	playpens	vending machine surfaces
crystal (non-food contact areas)	[grocery [store] -or-	portable toilet exteriors	[vinyl] linoleum -or- wallpaper
desk[s] [tops]	supermarket] cart child seats	[public -or- pay] telephones	walkers
[diaper -or- infant] changing	gym[nastic] equipment	-or- phone booths	walls
[tables] -or- areas [stations]	hampers	range hoods	[washable] floors [including
diaper pails	[hand]railings -or- rails	recycling bins	linoleum, no-wax, vinyl, and
dictating equipment [surfaces]	[hard] plastic -or- vinyl	refrigerator door handles	glazed ceramic tile]
[dining] [fast food] [kitchen]	headsets	refrigerator exterior	washable kitchen surfaces
[picnic] [play] [restaurant]	high chairs (non-food contact	RVs	[washable] walls
[tray] tables	areas)	sealed fiberglass	washers/dryers -or-
dining room surfaces	[kids'] play [structures]	shelves [and drawers]	washing machine exterior[s]
-and/or- tables -and/or- fast	[equipment] [furniture]	shower[s] [area] [curtains]	wastebaskets
food restaurant tables	[tables]	[doors] [stalls] [walls]	whirlpool tubs
door[s] [handle[s]] [frame[s]]	[kitchen] appliance exteriors	signs	window [blinds] [shades]
doorknobs	light fixtures -or- switches -or-	sink[s] [basins]	windshields
drain boards	panels	seats	wrestling mats
drawer pulls	linoleum	sports equipment	

SURFACE MATERIALS

[baked] enamel	glazed porcelain	sealed fiberglass	Do Not Use On: acrylic plastics natural marble painted surfaces paper surfaces [polished] wood rubber unfinished wood
chrome	glazed tile	stainless steel	
[common] hard, nonporous	laminated surfaces	synthetic marble	
[household -or-	Marlite	vinyl [tile]	
environmental] surfaces	plastic [laminated]	similar hard, nonporous	
Formica	plexiglass	surfaces except for those	
glazed ceramic [tile]	porcelain enamel	excluded by the label	