



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

December 13, 2022

Tony Herber
Science and Regulatory Consultants, Inc.
201 W Van Buren Street
Columbia City, IN 46765
Electronic Transmittal: therber@srcconsultants.com

Subject: Notification per PRN 98-10 – Add a “Do Not Flush” graphic
Product Name: Ironman Wipe
EPA Registration Number: 42182-13
Received Date: 10/20/2022
Action Case Number: 00402863

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 me at 202.566.0821 or via email at grigsby.stacey@epa.gov.

Sincerely,

A handwritten signature in cursive script that reads "Stacey Grigsby".

Stacey Grigsby, Risk Manager, 34
Regulatory Management Branch II
Antimicrobials Division (7510M)

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:

12/13/2022

IRONMAN WIPE

ACTIVE INGREDIENTS:

Alkyl dimethyl benzyl ammonium chloride (50%C ₁₄ , 40%C ₁₂ , 10%C ₁₆)	0.276%
Didecyl dimethyl ammonium chloride	0.104%
Octyl decyl dimethyl ammonium chloride	0.207%
Diocetyl dimethyl ammonium chloride	0.104%
Ethanol	68.610%
<u>OTHER INGREDIENTS</u>	30.699%
TOTAL	100.000%

[Does not include the weight of the [cloth] [towelette] [or] [wipe]]

**KEEP OUT OF REACH OF CHILDREN
WARNING**

See [back] [outer] [carton] [side] [container[s]] [inside] [panel] for First Aid statements

[CONTAINS:] [or Net Contents] [and/or Net Wt.] _____oz. (g) [or lbs. (kg)]
_____ [# OF CLOTHS] [Premoistened] [Wet] WIPES [SIZE of each cloth]

EPA Reg. No.: 42182-13

EPA Est. No.: {insert Est. Nos.}

[Alpha character at the beginning of the batch code indicates Est. No.]

[Manufactured][Distributed] by [or for]:

Microban Products Company

11400 Vanstory Drive Huntersville, NC 28078 [USA]

[For information call:] [Phone number to be inserted]

[Made in [USA] [of] [with] [domestic and [foreign] [imported] materials] [insert country]]

THE INFORMATION IN BOX IS NOT PART OF THE LABELING

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Sequence and placement of phrases is optional unless specified in 40 CFR 156.10.
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The terms "Wipe(s)", "Towel(s)", "Towelette(s)" and "Cloth(s)" can be used interchangeably throughout except for the product primary brand name which can be only changed by notification or amendment.
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[On any panel]

PRECAUTIONARY STATEMENTS:

Hazards to humans and domestic animals

WARNING: Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear safety glasses. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using [the] [toilet] [or restroom]. Remove and wash contaminated clothing before reuse.

FIRST AID: If in eye[s]: Hold eye[s] open, rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Contact a poison control center or healthcare professional [or doctor] for treatment advice. Have the product container or label with you when contacting a poison control center or healthcare professional [or doctor] or going for treatment. [For additional information or in case of emergency contact the Poison Control Center toll free at 1-800-222-1222.]

Physical or chemical hazard[s]: Combustible. Do not use or store near heat or open flame.

DIRECTIONS FOR USE:

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. [See directions for use on container[s] inside.] [Consult equipment manufacturer's instructions prior to use.] [[For surfaces,] Test wipe on small inconspicuous area before use.] [*If equipment is listed on product label, "Consult equipment manufacturer's instructions prior to use" statement must be on product label.*]

[Use one of the following as applicable to type of container.]

[TO DISPENSE] [TOWELETTES] [or WIPES] [or TOWELS] [or CLOTHS]:

GENERIC:

Open lid. Pull out wipe. Close lid tightly.

CONTAINER or CANISTER

Remove lid [.] [and discard inner seal] [from] [container or canister]. Find center of roll, remove first wipe for use, twist corner of next wipe into a point and thread through the hole in the [container or canister] lid. Pull through about one inch. Replace lid. Dispense remaining wipes as necessary by pulling out at an angle. When not in use keep [center cap of] lid closed to prevent moisture loss.

BOX:

Open along perforations as indicated. Remove packets as needed.

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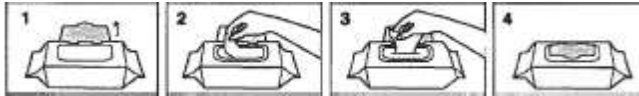
PACKET or PACKAGE:

Tear open packet [or package]. Unfold wipe and use as directed.

[For use on small single packets only: [Not labeled for individual sale [or distribution] and/or [See dispenser [or container or box or case or outer packaging] for [additional or full label] information].

[SOLO® PAK] [Portable Pack] [Soft Pack][Flow Pack][Eco-Pak]:

Open package lid. Completely remove inner seal. Pull out wipe [at an angle] [towards you through orifice or opening]. [(The next wipe pops up automatically.)] Snap lid closed after use to retain moisture.



KEEP SOLO® LID CLOSED WHEN NOT IN USE

SOLO® is a registered trademark of Nice-Pak Products, Inc.

REFILL [PACKET] [or PACKAGE] [or POUCH] [or CANISTER] [or BUCKET][or PAIL][or DISPENSER]:

This refill package is made for use only in a [product name] container [or canister or bucket or pail or dispenser]; do not use this product in a container [or canister or bucket or pail or dispenser] for another product. Do not use the refill wipes in a container [or canister] [or bucket] [or pail] [or dispenser] that is cracked or broken. Discard the cracked or broken container [or canister] [or bucket] [or pail] [or dispenser] in accordance with the container [or canister] [or bucket] [or pail][or dispenser] disposal instructions on the label.

[Option 1]

Remove [entire] lid from container [or canister or bucket or pail or dispenser]. Tear open refill packet [or package] [or pouch] at notch [or mark] [or arrow] and place [wipe] roll in empty container [or canister or bucket or pail or dispenser]. Follow information on container [or canister or bucket or pail or dispenser] to dispense wipes.

[Option 2]

Remove [entire] lid from container [or canister or bucket or pail or dispenser]. Tear open refill packet [or package] [or pouch] at notch [or mark] [or arrow]. Place [entire] refill packet [or package] [or pouch] of wipes in empty container [or canister or bucket or pail or dispenser]. Follow information on container [or canister or bucket or pail or dispenser] to dispense wipes.

CONTAINER [or CANISTER or BUCKET or PAIL or DISPENSER] [numbers optional]

1. Remove [the] lid [from] [the] [pail or bucket or container or canister or dispenser].
2. [Press] open [the] [dispenser at center of [the] lid].
3. Open [the] refill [packet] [package] [pouch] then place in [pail or bucket or container or canister or dispenser].
4. Locate [the] first wipe at [the] center of [the] roll.

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5. Feed [the] first wipe though [the] dispensing orifice.
6. Reapply [the] lid [to] [the] [pail or bucket or container or canister or dispenser].
7. Dispense [the] wipe.

FOR THE REFILL[S] [PACKET] [PACKAGE] [POUCH] [CANISTER][BUCKET][PAIL][DISPENSER]:

1. Remove [the] lid [from] [the] [pail or bucket or container or canister or dispenser].
2. Remove [the] empty refill [packet] [package] [pouch] material from [the] [pail or bucket or container or canister or dispenser.]
3. [Press] open [the] [dispenser at center of [the] lid].
4. Open [the] refill [packet] [package] [pouch] then place in [pail or bucket or container or canister or dispenser].
5. Locate [the] first wipe at [the] center of [the] roll.
6. Feed [the] first wipe though [the] dispensing orifice.
7. Reapply [the] lid [to] [the] [pail] [or bucket or container or canister or dispenser].
8. Dispense [the] wipe.

[SANITIZING DIRECTIONS]

TO SANITIZE HARD, NONPOROUS, NONFOOD CONTACT SURFACES: If present, use a wipe to remove visible soil prior to sanitizing. Unfold [a] [clean] wipe and thoroughly wet surface. Allow surface to remain wet for 10 seconds. Let air dry.

And/or

[DISINFECTING DIRECTIONS]

TO [CLEAN] [AND] [,] DISINFECT [AND DEODORIZE] HARD, NONPOROUS SURFACES: If present, use a wipe to remove visible soil prior to disinfecting. Unfold [a] [clean] wipe and thoroughly wet surface. Allow surface to remain wet [[for 5 [five] minutes][to disinfect bacteria, viruses, fungi, yeast, and *Mycobacterium bovis* BCG (TB) (at 73°F [23°C])]] [for 3 [three] minutes][to disinfect bacteria and viruses]] [[for 1 [one] minute][to disinfect bacteria and enveloped viruses]]. [Use [additional] [enough] wipe(s) [, if needed,] to ensure surface is wet for contact time]. Let air dry. A potable water rinse is required for food contact surfaces.

[one of the contact time options above will be used as appropriate for the organisms listed on container label]

[CONTINUOUS [Residual] [or Continuously Active] DISINFECTION DIRECTIONS]

FOR CONTINUOUS DISINFECTION [OR RESIDUAL DISINFECTION] [OR CONTINUOUSLY ACTIVE DISINFECTION] ON HARD, NONPOROUS SURFACES FOR 24 HOURS: If present, use a wipe to remove visible soil prior to disinfecting. Remove and unfold [a] [clean] wipe [from container]. Use wipe to [thoroughly] wet the surface to be disinfected. Ensure surface remains wet for 1 [one] minute to disinfect against the organisms in Table 4 [or Continuously Active Disinfection [table]]. Allow the surface to air dry for continuously active disinfection up to 24 hours [with multiple touches]. Use of this product should not alter standard cleaning and disinfections practices. If the treated surface is cleaned, reapplication of product is necessary for continuous disinfection.

[The following sets of directions are optional]

ULTRASOUND TRANSDUCERS AND PROBE[S]: For use on external surfaces of ultrasound transducers, scopes, [and] [or] probe[s] only prior to high-level disinfection [(HLD)].

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To disinfect [[and decontaminate] prior to high-level disinfection [or HLD]]: Preclean gel from external surface of ultrasound transducer, scope, [and] [or] probe[s] by using a clean washcloth or [germicidal] wipe. Then, follow instructions to disinfect.

[The following instructions are to be included on container labels when claims against HIV, and/or HBV and/or HCV are listed; one, two or all three of the viruses may be included on claims and directions.]

†KILLS HIV-1, HEPATITIS B VIRUS (HBV) AND HEPATITIS C VIRUS (HCV) ON PRECLEANED ENVIRONMENTAL SURFACES/OBJECTS [AND PRECLEANED EXTERNAL SURFACES OF ULTRASOUND TRANSDUCERS [AND PROBE(S)]] PREVIOUSLY SOILED WITH BLOOD/ BODILY FLUIDS at room temperature (68°- 77°F) or (20°- 25°C) in healthcare or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or bodily fluids, and in which the surfaces/objects likely to be soiled with blood or bodily fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS), Hepatitis B Virus (HBV),and Hepatitis C Virus (HCV).

†SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1, HEPATITIS B VIRUS (HBV) AND HEPATITIS C VIRUS (HCV) OF SURFACES/OBJECTS SOILED WITH BLOOD/ BODILY FLUIDS:

Personal protection: When handling HIV-1, HBV or HCV infected blood or bodily fluids; wear disposable protective gloves, protective gowns, masks and eye coverings, per facility protocol.

Cleaning procedure: All blood and other bodily fluids must be thoroughly cleaned from surfaces and objects before disinfection by the [germicidal] wipe.

Disposal of infectious materials: Used wipe that may be contaminated with blood and other bodily fluids must be disposed of according to local regulation for infectious waste disposal.

Contact time: Use [germicidal] wipe to thoroughly wet surface. Allow surface to remain wet for 10 seconds. [Use [additional] [enough] wipe(s) [,if needed,] to ensure [continuous] [wet contact time(s) listed on the label.][or 10 second(s) wet contact time.]] [Repeated use of the product may be required to ensure that the surface remains wet [for contact time(s) listed on the label.] [for 10 seconds.].]Let air dry.

[Hard Surface Mildewstat] On hard surfaces:

[To inhibit mold and mildew growth]: If present, use a wipe to remove visible soil. Unfold [a] [clean] wipe and thoroughly wet surface. Let air dry. Repeat [application] every 7 days to inhibit mold [and mildew] growth. [Effective against *Aspergillus brasiliensis* [mildew]].

[Terminal Sterilant Disclaimer per PR Notice 94-4]

[The following paragraph must be used on product label if hospital and healthcare use sites are on the label.]

This product is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to preclean or decontaminate critical or semi-critical medical devices prior to [sterilization] [or] [high level disinfection] [or HLD].

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STORAGE AND DISPOSAL:

Do not contaminate water, food, or feed by storage and disposal. *[Statement not required for residential or household use products.]*

[Use storage/disposal statement A if canister, bucket, pail or refill dispenser directions used. Use storage/disposal statement B if Solo® Pak, Portable Pack, Soft Pack, Flow Pack, Eco-Pak, Packet, Pouch, or [refill] packet/package] directions used.]

[Statement A:]

Storage: Do not store near heat or open flame. When not in use keep *[[center] cap of]* lid closed to prevent moisture loss.
Towelette Disposal: Do not reuse towelette. Dispose of used towelette in trash. Do not flush in toilet.
Canister [or Container or Bucket or Pail or Dispenser] Disposal: Nonrefillable canister *[or container or bucket or pail or dispenser]*. Do not reuse or refill this canister *[or container or bucket or pail or dispenser]*. Offer for recycling. If recycling is not available, put in trash collection.

[If refillable dispenser is being used, substitute the following: Refill Package [or Canister or Container or Bucket or Pail or Dispenser] Disposal: Offer for recycling. If recycling is not available, discard in trash.*]*

[Statement B:]

Storage: Do not store near heat or open flame. **Towelette Disposal:** Do not reuse towelette. Dispose of used towelette in trash. Do not flush in toilet. **Packet [or Package or Pouch or Container or Dispenser] Disposal:** Put empty Solo® Pak *[or Portable Pack or Soft Pack or Flow Pack or Ecopak or [refill] packet [or packaging or pouch]]* in trash collection.

[Optional Use Sites/Surfaces]

[Table 1: Hard, nonporous use sites/surfaces]

[Areas of Use] [Hospital and Healthcare Settings] May be used on hard, nonporous surfaces in[:] [Optional Use Sites][For complete list, see EPA Master Label]			
Acute Care Institutions	Airplanes	Airports	Alternate Care Institutions
Ambulance Equipment Surfaces	Ambulances	Ambulatory Surgical Centers (ASC)	Anesthesia Administration Sites
Animal Care Facilities	Animal Equipment	Animal Hospitals	Animal Labs
[Animal Life Science] Laboratories	Appliance Exteriors	Assisted CAT Scan [equipment] [rooms]	Auto Repair Centers
Automatic Feeders	Automatic Teller Machine (ATM)	Banks	Barber/Beauty Shops
Barges	Bars	Basement[s]	Basements and Crawl Spaces

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Bassinets	Bathtubs	Bed Pans	Bed Railings
Bedroom[s]	Benches	Bladder Scans	Blinds
Blood Banks	Blood glucose meters	Blood Pressure Cuffs	Boats
Bowling Alleys	Breeding and Grooming Establishments	Buckets	Cabinets
Campground	Cardiac [Monitor] [Gym] Equipment	Cardiac Gym Equipment	Cardiac Monitors
Cargo Vessels	Cars	Carts	CAT Labs
CCU	Central Service Areas	Central Supply	Cervical Collars
Chairs	Child Seats, Nursery	Churches	Classrooms
Clean Rooms	Clinics	Clippers	Coated Mattresses
Coated Pillows	Combs	Commercial Building	Computer Manufacturing Sites
Computer Monitors	Computer Mouses	Computer Peripheral[s]	Computers
Convenience Stores	Conveyer Belt (non-food contact surfaces)	Counters	Countertops
Critical Care Units (CCU)	Cruise Ships	Curing Lights	Daycare Centers
Defibrillators	Delicatessens	Delivery Trucks	Dental chairs
Dental Countertops	Dental Offices	Dental Unit Instrument Trays	Desks
Desktops	Dialysis Clinics	Dining Room	Dispensing & Filling Equipment
Doctors' Offices	Dog/Cat Animal Kennels	Donation Centers ([Blood][Plasma][Semen] [Milk][Apheresis])	Doorknobs
Dopplers	Drain Boards	Drawer Pulls	Dressing Carts
Dressing Rooms	Drinking Fountains (nonfood contact areas)	Drone[s][Peripherals] [Equipment]	E.R.
Elder Care Centers	Electronic Thermometers	Emergency Medical Settings	Emergency Rooms
Emergency Vehicles	EMS & Fire Facilities	Endodontic Equipment such as apex locators	Exam Tables
Exercise Machines	Exterior Surfaces of Air Vents or Air Vent Exteriors	Exterior surfaces of: Urinals	Exterior Surfaces of: Vanity Tops
Eye Surgical Centers	Fax Machines	Feed Racks	Filing Cabinets
Filing Doors	Filing Handles	Finished Baseboard	Fire Trucks
Fitness Centers	Flats	Flower Pots	Folding Tables
Food Processing Plants	Food Storage Areas	Footboards	Garage

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(nonfood contact areas)			
Garbage Cans	Gift Shops	Glazed Tiled Walls	Glazed Tiles
Government Facilities [Spaces]	Grocery Cart Child Seats	Grocery Cart Handles	Grocery Stores
Gurneys	Gym Equipment	Gyms	Hair Clippers
Hair/Nail/Pedicure Salons	Handles	Handrails	[Hard, nonporous outside of] [Exteriors of] Patient Monitoring Equipment
[Hard, nonporous outside of] [Exteriors of] Patient Support and Delivery Equipment	[Hard, nonporous outside of] [Exteriors of] Pulp Testers and Motors	[Hard nonporous outside surfaces of:] Amalgamators and Dental Curing Lights	[Hard nonporous outside surfaces of:] Anesthesia Machines and Respiratory Therapy Equipment
[Hard nonporous outside surfaces of:] Apheresis Machines	[Hard nonporous outside surfaces of:] Diagnostic Equipment	[Hard nonporous outside surfaces of:] Dialysis Machines	[Hard nonporous outside surfaces of:] Patient Monitoring Equipment
[Hard nonporous outside surfaces of:] Patient Support and Delivery Equipment	[Hard nonporous outside surfaces of:] Pulp Testers and Motors	[Hard nonporous outside surfaces of:] Toilets	[Hard nonporous outside surfaces of:] Ultrasound Monitors
[Hard nonporous outside surfaces of:] Ultrasound Transducers and Probes	[Hard nonporous surfaces of:] Bathroom Surfaces	[Hard nonporous surfaces of:] Booster Seats	[Hard nonporous surfaces of:] Cash Registers
[Hard nonporous surfaces of:] Display Cabinets	[Hard nonporous surfaces of:] Doorknobs	[Hard nonporous surfaces of:] Floor	[Hard nonporous surfaces of:] Garbage Cans
[Hard nonporous surfaces of:] Glazed Tiled Walls	[Hard nonporous surfaces of:] Restaurants	[Hard nonporous surfaces of:] Sinks	[Hard nonporous surfaces of:] Telephones
[Hard nonporous surfaces of] vehicles [including: Hard Plastic]	[Hard nonporous surfaces of] vehicles [including: Metal Flooring]	[Hard nonporous surfaces of] vehicles [including: Seats]	[Hard nonporous surfaces of] vehicles [including: Steering Wheel]
[Hard nonporous surfaces of] vehicles [including: Walls]	Hard, nonporous surfaces	Headboards	Headsets
Health Care Facilities	Health Club Facilities	Healthcare Settings	Helicopters
High Touch Surfaces	High-touch areas	Home Health Care	Home [House]
Hospices	Hospital[s] [Beds]	Hospitals	Hotel Rooms
Hotels	Household and Automotive Garages	ICU	Intensive Care Units (ICU)
[Interior and Exterior Surfaces] Basins	[Interior and Exterior Surfaces] Bathroom Fixtures	[Interior and Exterior Surfaces] Bathroom[s]	[Interior and Exterior Surfaces] Bathtubs
[Interior and Exterior Surfaces] Cabinets	[Interior and Exterior Surfaces] Changing tables	[Interior and Exterior Surfaces] Countertops	[Interior and Exterior Surfaces] Cribs
[Interior and Exterior Surfaces] Diaper Changing Stations	[Interior and Exterior Surfaces] Diaper Pails	[Interior and Exterior Surfaces] Faucet[s]	[Interior and Exterior Surfaces] Hampers

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[Interior and Exterior Surfaces] Infant Warmers	[Interior and Exterior Surfaces] Infant/Child Care Equipment Surfaces	[Interior and Exterior Surfaces] of Infant Incubators	[Interior and Exterior Surfaces] Toilet Seats
[Interior and Exterior Surfaces] Trash cans	Isolation Areas	Isolettes	IV Poles
IV pumps	Kennel Runs	Kennels	Keyboards
Kitchen	Laborator[y][ies]	Laboratory Equipment and Surfaces	Laundry Rooms
Libraries	Life Care Retirement Communities	Lifts	Light Fixture[s]
Litter Boxes	Livestock [Pork][Poultry] [Beef][Ostrich][Bison][Emu] Premises	Living Facilities	Living Room
Locker Rooms	Long Term Care Centers	Loupes	Mammography Equipment
Manicure tools	Manufacturing Facilities	Medical Intensive Care Units (MICU)	Medical Offices
Medical Research Facilities	Mobile Homes	Movie Houses	Mud room
Museums	Neck Braces	Neonatal Intensive Care Units (NICU)	Newborn Nursery
Nurse call [Button] [Device]	Nursing Homes	Nursing Rooms	[Nylon][Hair] Brushes
Office Buildings	Oncology Facilities	Operating Room Tables and Lights	Operating Rooms (OR)
Operatory Light Switches	Ophthalmic Offices	Ophthalmoscopes	Orthopedics
Otoscopes	Outdoor Areas and Furniture	Out-Patient Surgical Centers (OPSC)	Oxygen Hoods
Patient Care Areas	Patient Lift Equipment	Patient Rooms	Patio Furniture
Pediatric Intensive Care Units (PICU)	Pediatrics [care areas]	Pedicure Basins	Pedicure tools
Pens	Performance/Theater Centers	Pet Animal Quarters	Pet Shops
Phlebotomy Trays	Photocopy Centers	Physical Therapy	Physical Therapy (PT) Equipment Surfaces
Physicians' Offices	Piano Keys	Picnic Facilities	Pipeless Foot Spas
Pipes	Plastic Rollers	Plastic Surfaces	Playground Equipment
Playpens	Playroom	Plumbing Fixtures	Police Cars
Polyurethane Keyboard Covers	Portable and Chemical Toilets and Latrine Buckets	Post Offices	Post-Operative Care Unit (PACU)
Powder Room[s]	Preschools	Public Buses	Public Facilities
Public Spaces	Public Telephones	Pulse Oximeters	Radiology
Radiology Equipment	Railings	Razor[s] [Trimmer[s]] [Blades]	Reception Counters or Desks or Areas
Recovery Rooms	Recreational Facilities	Recreational Sporting	Recycled Materials

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		[Snow][Water] Equipment	[Polymers][Textiles][Fibers]
Recycling Bins and Centers	Refrigerator Exteriors	Rehabilitation Center	Rehabilitation Room
Respiratory Therapy	Rest Rooms	Retail and Wholesale Establishments	Robot[s]
RV's	Salons	Satellite[s]	Scales
School Buses	Schools	Scissors	Seats
Shopping [Malls][Centers]	Shopping Cart Handles	Shopping Centers	Shower[s] [Stalls]
Sinks	Skilled Nursing Facilit[y][ies]	Slides	Slit Lamps
Soap Dispensers	Solar Energy Equipment[Panel] [s]	Spas	Spine Back Boards
Spittoons	Sports Arenas	Sports Complexes	Steps
Stethoscopes	Stools	Storage areas	Stovetops
Stretchers	Supermarkets	Surfaces of Tankers	Surfaces of Tank Trucks
Surgery	Surgery Intensive Care Unit (SICU)	Surgical Centers	Tables
Tabletops	Tack Shops	Tanning [Beds] [Equipment]	Tanning [Salons] [Spas]
Taverns	Taxis	Telemetry Equipment	Telephones
Tires	Toilet handle	Toilet Rim	Toilet Seats
Toilet Tank	Tools	Touch Screen[s]	Toys
Traction Devices	Trailers	Trains	Transport Vehicles
Trash [Barrels][Cans][Containers]	Trash Cans	Trucks	TV Remote Controls
Tweezers	Tympanic Thermometers	Ultrasonic Baths	Urgent Care Centers
Vet or Veterinary Clinic Surfaces	Veterinary Clinics	Veterinary Offices	Video Stores
Walkways	Walls	Washable Nail Files	Washable Walls
Washing Areas	Washing Machines	Watercraft	Weight-Lifting Surfaces
Windowsills	Work Areas	Work Stations	Workstations on Wheels (WOW)
X-Ray Equipment	X-Ray Rooms	Zoos	

[Table 2: Surface Materials]

Surface Materials:		
ABS plastic	Acrylic	Aluminum
Brass	Copper	Chrome
Corian ^{®2}	Crystal	Finished-and/or-painted wood
Formica ^{®1}	Galvanized metal	Glass
Glazed ceramic[tile]	Glazed porcelain [tile]	Glazed tile
Laminate	Laminated Surfaces	Linoleum

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Metal	Mirrors	Nickel
Painted wallboard	PEX (cross linked polyethylene)	Plastic
Plastic laminate	Plexiglas ^{®3}	Polybutylene Terephthalate (PBT)
Polycarbonate	Polyester	Porcelain
PVC	Rubber	Sealed [or finished] hardwood [floors]
Sealed fiberglass	Sealed granite	Sealed grout
Sealed limestone	Sealed marble	Sealed slate
Sealed stone	Sealed Terra Cotta	Sealed Terrazzo
Sealed wood	[Stainless] Steel	Titanium
Treated Wood surfaces	Vinyl	Zinc

¹ Formica [®] is a [registered] trademark of The Diller Corporation

² Corian [®] is a [registered] trademark of E. I. du Pont de Nemours and Company

³ Plexiglas [®] is a [registered] trademark of Arkema France

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[Table 3: List of Disinfection Organisms]

Contact Time	Enveloped Viruses	Reference No.	Strain Information
10 sec[onds]	*Avian Influenza A (H3N2) Reassortant virus ^{§,µ}	[ATCC VR-2072]	[A/Washington/897/80 x A/Mallard/New York/6750/78]
	*Hepatitis B Virus (HBV) (Duck Hepatitis B Virus [as surrogate])		[11/4/12]
	*Hepatitis C Virus (HCV) (Bovine Viral Diarrhea Virus [as surrogate])		[Oregon C24v-genotype 1]
	*Herpes simplex virus type 1	[ATCC VR-733]	[F(1)]
	*Herpes simplex virus type 2	[ATCC VR-734]	[G]
	*Human Coronavirus [§]	[ATCC VR-740]	[229E]
	*Human Immunodeficiency virus type 1 (HIV)		[HTLV-III _B]
	*Respiratory syncytial virus (RSV) [§]	[ATCC VR-26]	[Long]
	*2009-H1N1 Influenza A virus ^{§,µ} [(Novel H1N1)]	[CDC 2009712192]	[A/Mexico/4108/2009]
	* [‡] SARS-Related Coronavirus 2 [SARS-CoV-2]	[Strain USA-WA1/2020]	[BEI NR-52281]
	Bacteria	Identification Number	Antibiotic Resistance Demonstrated
1 min[ute] ^[+]	[**] <i>Acinetobacter baumannii</i> MDR (Multi-drug resistant)	[ATCC BAA-1605]	[Ceftazidime, Gentamicin, Ticarcillin, Piperacillin, Cefepime, Ciprofloxacin, Imipenem, Meropenem]
	[**] <i>Enterobacter aerogenes</i>	[ATCC 13048]	
	<i>Escherichia coli</i> ESBL (Extended spectrum beta-lactamase)	[ATCC BAA-196]	[Ceftazidime, Cefotaxime]
	<i>Escherichia coli</i> O157:H7	[ATCC 35150]	
	[**] <i>Enterobacter aerogenes</i> MDR (Multi-drug Resistant)	[ATCC 29751]	[Cefazolin, Ampicillin, Ampicillin/Sulbactam]
	[**] <i>Enterococcus faecalis</i> VRE (Vancomycin resistant enterococcus)	[ATCC 51575]	[Vancomycin]
	[**] <i>Enterococcus faecium</i> MDR (Multi-drug Resistant)	[ATCC 51559]	[Ampicillin, Penicillin, Vancomycin, Gentamicin, Cefazolin]
	[**] <i>Klebsiella pneumoniae</i> CRE (Carbapenem resistant Enterobacteriaceae)	[ATCC BAA-2146]	[Imipenem, Meropenem]
	[**] <i>Pseudomonas aeruginosa</i>	[ATCC 15442]	
	[**] <i>Pseudomonas aeruginosa</i> MBL (Metallo beta-lactamase positive)	[CDC AR-0246/PSA-18]	[Imipenem]
	<i>Salmonella enterica</i>	[ATCC 10708]	
	<i>Staphylococcus aureus</i>	[ATCC 6538]	

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	[**] <i>Staphylococcus aureus</i> (Methicillin Resistant) (MRSA)	[ATCC 33592]	[Methicillin]
	<i>Staphylococcus aureus</i> (VISA) (Vancomycin-Intermediate)	[HIP5836]	[Vancomycin]
	<i>Staphylococcus aureus</i> (VRSA) (Vancomycin-Resistant)	[HIP11714]	[Vancomycin]
	<i>Staphylococcus epidermidis</i> (Methicillin Resistant) (MRSE)	[ATCC 51625]	[Methicillin]
	Yeast	Identification Number	
1 min[ute]	<i>Candida albicans</i>	[ATCC 10231]	
	Large Non-enveloped Viruses		
2 min[utes]	*Rotavirus	[ATCC VR-2018]	[WA]
	Fungi		
5 min[utes]			
	<i>Trichophyton interdigitale</i>	[ATCC 9533]	
	Small Non-enveloped Viruses		
5 min[utes]	*Norovirus (Feline Calicivirus as surrogate)	[ATCC VR-782]	[F-9]
	*Poliovirus type 1	[ATCC VR-1562]	[Chat]
	Mycobacteria		
5 min[utes]	<i>Mycobacterium bovis</i> BCG (TB)	[ATCC 35743]	

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[Table 4: List of Residual Disinfection Organisms]

Continuous Disinfection [or Residual Disinfection] [Or Continuously Active Disinfection]

[Note:] Upon following directions for use for Continuous Disinfection, disinfection occurs within 5 minutes following [a] contamination event [or several contamination events] [or touch] [or several touches] for [up to] 24 hours [post application] for organisms in this table.

Bacteria	Identification Number	Antibiotic Resistance Demonstrated
[**] <i>Acinetobacter baumannii</i> MDR (Multi-drug resistant)	[ATCC BAA-1605]	[Ampicillin/Sulbactam, Cefepime, Cefazolin, Ceftazidime, Ceftriaxone, Ciprofloxacin, Gentamicin, Levofloxacin, Piperacillin/Tazo, Trimethoprim/Sulfa, Meropenem]
[**] <i>Enterobacter aerogenes</i>	[ATCC 13048]	
[**] <i>Enterobacter aerogenes</i> MDR (Multi-drug Resistant)	[ATCC 29751]	[Cefazolin, Ceftriaxone]
[**] <i>Enterococcus faecalis</i> VRE (Vancomycin resistant enterococcus)	[ATCC 51575]	[Vancomycin]
[**] <i>Enterococcus faecium</i> MDR (Multi-drug Resistant)	[ATCC 51559]	[Ampicillin, Penicillin, Vancomycin, Gentamicin]
[**]New Delhi metallo-beta-lactamase-1 (NDM-1) producing <i>Klebsiella pneumoniae</i> (CRE - Carbapenem resistant Enterobacteriaceae)	[ATCC BAA-2146]	[Amikacin, Ampicillin, Ampicillin/Sulbactam, Cefazolin, Cefepime, Ceftazidime, Ceftriaxone, Ciprofloxacin, Gentamicin, Imipenem, Levofloxacin, Piperacillin/Tazo, Tobramycin, Trimethoprim/Sulfa, Meropenem]
[**] <i>Pseudomonas aeruginosa</i>	[ATCC 15442]	
<i>Staphylococcus aureus</i>	[ATCC 6538]	
[**] <i>Staphylococcus aureus</i> (Methicillin Resistant) (MRSA)	[ATCC 33592]	[Methicillin]

[Table 5: List of Nonfood Contact Surface Sanitization Organisms]

Hard, Nonporous Nonfood Contact Surface Sanitization

Contact Time	Bacteria	Identification Number
10 sec[onds]	<i>Enterobacter aerogenes</i>	[ATCC 13048]
	<i>Staphylococcus aureus</i>	[ATCC 6538]

[Table 6: List of Mildew Fungistatic Organisms]

Mildew Fungistat

Duration	Surface	Bacteria	Identification Number
7 days	Hard Surfaces	<i>Aspergillus niger</i>	[ATCC 6275]

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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

<i>For an emerging viral pathogen that is a/an...</i>	<i>...follow the directions for use for the following organisms on the label:</i>
Enveloped virus	One of the following: Poliovirus type 1, ATCC VR-1562 Norovirus (Feline Calicivirus as surrogate), ATCC VR-782
Large, non-enveloped virus	One of the following: Poliovirus type 1, ATCC VR-1562 Norovirus (Feline Calicivirus as surrogate), ATCC VR-782
Small, non-enveloped virus	Poliovirus type 1, ATCC VR-1562 Norovirus (Feline Calicivirus as surrogate), ATCC VR-782

Acceptable Claim Language:

Ironman Wipe has demonstrated effectiveness against viruses similar to **[name of emerging virus]** on hard, nonporous surfaces. Therefore, Ironman Wipe 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, nonporous 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]**. Ironman Wipe 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, nonporous surfaces. Refer to the **[CDC or OIE] website** at **[website address]** for additional information.

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Optional Claims and Descriptors [Note: Deodorizing directions must be used when deodorizing claims (claims involving odor control) are used]

[Disinfecting Claims]

An [effective][Great][Appropriate][ideal] [approach][method] [process] [solution] [product][way] to [clean] [guard] [deodorize] [disinfect] [eradicate 99.9%] [kill] [destroy] [eliminate 99.9%] [against] [odor-causing] [bacteria] [germs] [norovirus] [viruses*] [cold & flu viruses [§]] [pathogens] [ESKAPE** bacteria] [harmful] [fungus] [organisms][microorganisms] on hard, nonporous surfaces[fomite] [listed on this label]. [([§] Effective against the cold virus caused by Human Coronavirus and Respiratory Syncytial Virus (RSV) the flu virus caused by Avian Influenza A (H3N2) Reassortant virus)]	An effective method to deodorize and disinfect against odor-causing organisms on hard, nonporous surfaces][listed on this label.]	An effective way to disinfect hard, nonporous environmental surfaces [listed on this label].
Aids in reducing -or- in the reduction of cross-contamination between treated surfaces	[Always] ready-to-use	Antibacterial
Antimicrobial	[Antibacterial] [Antimicrobial] health club equipment wipe	Bacteria [and] [<i>or virus*</i>] [and] [<i>or germ</i>] fighting [formula]
Bactericidal	[Bactericidal], [Fungicidal], [Tuberculocidal] [and] [Virucidal*]	Bathroom disinfectant
Broad spectrum [microorganism coverage]	Broad Spectrum Disinfectant	Broad spectrum efficacy
Can help reduce cross contamination on treated surfaces	Clean and disinfect in one step [Saves Time]	[Clean and] Disinfect hard, non- porous surfaces
[Cleaner and] Disinfectant	[Cleans] [as it] [and] disinfects	[Cleans] [,] [Deodorizes,] [and kills] common household germs [<i>use at least two bacteria and two viruses from the organism list</i>]
Cleans [as it disinfects] [and disinfects]	Compatible [for use on hard, non- porous surfaces commonly found in healthcare settings [listed on this label]]	Continuously Active Disinfection [OR CAD][OR Continuous disinfection] against ESKAPE** pathogens [OR organisms] for [up to] 24 hours ¹

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[Convenient] [portable] way to disinfect hard, nonporous surfaces		[Deactivates] [Disinfectants] [kills] bloodborne pathogens in 10sec[onds] ¹
[Deactivates][Disinfectants][Kills] [cold & flu viruses ⁵ in 10 seconds] [(⁵ Effective against the cold virus caused by Human Coronavirus and Respiratory Syncytial Virus (RSV) and the flu virus caused by Avian Influenza A (H3N2) Reassortant virus)] ¹	Demonstrates 99.9% reduction of [bacteria] [<i>insert bacteria from Table 3</i>]	Deodorizes [,] [cleans,]and kills common household germs ¹ [use at least two bacteria and two viruses from the organism list]
Deodorizes [and][or] [disinfects ¹] [or] [helps deodorize]	Designed for killing (<i>List microorganism(s) here</i>) on hard, nonporous surfaces [in hospitals] [<i>or Insert area of use facility from Table 1</i>]	[Destroys] [Deactivates] [[Helps] Eliminate[s] 99.9%] [insert microorganism(s)] on hard, nonporous surfaces [in hospitals] [<i>or Insert area of use facility or from Table 1</i>]
Disinfect on the go	Disinfect precleaned [external] hard, nonporous surfaces of ultrasound transducers and probes	[Disinfect surfaces] [Disinfects and deodorizes] [in [1] [one] minute] [<i>will only be used on container label when listed organisms have contact times ≤1 minute</i>]
Disinfectant [wipe]	Disinfection technology	Disinfects [health club equipment] [treadmill handles] [elliptical handles] [exercise bike handles] [weight benches]
[Disinfects [<i>insert from Table 1</i>]] [Disinfects [in [just] [five] [5] minutes] ¹	Disinfects [precleaned] hard, nonporous surfaces	Disinfects headsets [and telephones]
Disinfects in [1] [one] [3] [three] [5] [five] min[ute][s] ¹ [<i>appropriate claim will be used on container label based on which line of disinfection directions for use is used</i>]	[[Disinfects] [cleans][and deodorizes]hard nonporous surface(s) [that people touch]][in][just][1][one][3][three][5] [five][minutes] [<i>appropriate claim will be used on container label based on which line of disinfection directions for use is used</i>]	[Disinfects] hard, nonporous [environmental] surfaces [listed on this label].
convenient way to disinfect [<i>insert use sites from Table 1</i>] [high touch] hard, non-porous surfaces everyday]	disinfect [and easily clean] [bathroom] [or exterior toilet surfaces] [hard, nonporous surfaces]][fomites] [So] [surfaces are] [more than just clean,] [they're] [disinfected]	[Easy] [and convenient] [way to clean] [and disinfect ¹] [<i>“easy” will not be used if “disinfect” is utilized in claim</i>]
[Easy][convenient][to use]	Effective against [:] [the following micro-organisms] [<i>list organisms</i>] on hard, nonporous surfaces	

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Effective against bacteria and viruses* <i>[use at least two bacteria and two viruses from the organism list]</i> ¹	Effective against the cold and flu virus ^{§1} ([§] Effective against the cold virus caused by [Human Coronavirus] [Respiratory Syncytial Virus] [RSV] (and the flu virus caused by Avian Influenza A (H3N2) Reassortant virus)	Effective against tough non-enveloped viruses* ¹ [such as][<i>insert viruses</i>]
[Effective against[bathroom] bacteria and viruses* ¹ : [ESBL E. coli] [<i>Salmonella enterica</i>] [<i>Staphylococcus aureus</i>] [Herpes Simplex Virus Type 1] [Herpes Simplex Virus Type 2] [Hepatitis B Virus (HBV)] [Hepatitis C Virus (HCV)] [Avian Influenza A H3N2 Reassortant Virus] [<i>insert organisms from Table 3</i>]	Effective against] [<i>insert microorganism(s)</i>] [in [1][one][3][three][5][five] minutes] ¹ [<i>appropriate claim will be used on container label based on which line of disinfection directions for use is used</i>]	[Effective against] [Kills] Multidrug Resistant Bacteria [MDRBs] [such as] [list MDRB organisms] ¹
Effective in the presence of 5% blood serum contamination ¹	Effectively disinfects against MRSA [Methicillin Resistant <i>Staphylococcus aureus</i>] ¹	[Effectively] [Kills] [disinfects against] Norovirus [in [5][five] minutes] ¹
Eliminates mold [and mildew] [odor[s]]	Eliminates odors caused by bacteria	Everyday disinfection against [<i>list microorganism</i>]
	For daily use	For use in critical care areas [where control of cross contamination on treated surfaces is of prime importance]
Fungicidal [(3) minutes] [in 3[or three] minutes] ¹	Germ fighting formula	Germicidal [Wipe] [<i>use at least two bacteria and two viruses from the organism list</i>]
[Great][Appropriate][ideal] for [cleaning] [and] disinfecting hard nonporous surfaces around [high touch areas] [high traffic areas] [the toilet] [and] [sink] [tub] [On [<i>insert item from Table 1</i>]	Hard, nonporous surface disinfectant	Helps reduce cross contamination on treated surfaces
[Helps reduce] [<i>or Reduces</i>] cross contamination on treated surfaces	[Helps] [kill(s)] [eliminate(s)] odor-causing bacteria	[Hospital] [<i>or Insert area of use facility from Table 1</i>][disinfectant] [disinfection]
Just [or simply] wipe exterior toilet surface-or- bathroom germs away	[Kills [99.9%] [of germs] ¹	Kills a wide range of pathogens ¹
Kills bacteria and viruses* [in the bathroom] [on the exterior toilet surfaces] [<i>use at least two bacteria and two viruses from the organism list:</i>]	Kills cold and flu viruses [§] in 10 sec[onds] ¹ ([§] Effective against the cold virus caused by [Human Coronavirus][Respiratory Syncytial Virus] [RSV] and the flu virus caused	Kills ESKAPE pathogens[organisms] [in [1] [one] min[ute]] ¹ : [<i>Enterococcus faecalis VRE</i>], [<i>Staphylococcus aureus MRSA</i>], [<i>Klebsiella pneumoniae CRE</i>], [<i>Acinetobacter baumannii MDR</i>],

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	by Avian Influenza A (H3N2) Reassortant virus)	[<i>Pseudomonas aeruginosa</i> MBL], [<i>Enterobacter aerogenes</i>]
Kills germs + in [1] [one] minute ¹ <i>[Note to reviewer: this claim will lead to a list of at least S. aureus, P. aeruginosa, and one or more enveloped virus]</i>	[kills tested bacteria in [1] [one] minute] [kills bacteria in [1] [one] minute] ¹	[Kills] [Effective against] [insert viruses] in [insert appropriate contact time from table] ¹
[Kills] [Effective against] TB in [5] [five] minutes ¹	Kills TB [(<i>Mycobacterium bovis</i> – BCG)] ¹	
[Kills] [Effective against] CRKP [(Carbapenem Resistant <i>Klebsiella pneumoniae</i>)] in 1 [or one] minute ¹	[Kills] [germs] [or bacteria] [that cause odor] [while it cleans]	[Kills][Effective against] [the following micro-organisms on hard, nonporous surfaces] [<i>list organisms</i>] [in][just] [1][one][3][three][5][five] minutes][10 seconds] ¹ [<i>appropriate claim will be used on container label based on which line of disinfection directions for use is used</i>]
[Kills][Effective against] a broad [range][spectrum] of microorganisms ¹	[Leaves [bathroom] [<i>insert item/use site from Table 1</i>] [office] [clean] [and] disinfected [smelling fresh]	Leaves [bathroom] [office][<i>insert use site from Table 1</i>] [and other sites listed on this label] disinfected [and smelling fresh]
Multi-purpose disinfectant	Odor [elimination] [neutralization]	One [1] minute [or 60 seconds] [general] disinfectant for [<i>insert organisms that are ≤1 minute contact time</i>] ¹ <i>[will only be used on container label when listed organisms have contact times ≤1 minute]</i>
One [1] minute [or 60 seconds] [kill] [contact] time reduces time to turnover room for [<i>insert organisms that are ≤1 minute contact time</i>] ¹ <i>[will only be used on container label when listed organisms have contact times ≤1 minute]</i>	One [1] minute [or 60 seconds] [kill][contact] time on [X] microorganisms ¹ <i>[will only be used on container label when listed organisms have contact times ≤1 minute]</i>	One-Step Cleaner/Disinfectant
[One] [1] min[ute][60 sec[onds]] [kill] [contact][time][germicidal +] [disinfectant][disinfection] for [<i>insert organisms that are ≤1 minute contact time</i>] ¹ <i>[will only be used on container label when listed organisms have contact times ≤1 minute]</i>	[One step cleaner and disinfectant]	One-step disinfectant [cleaner] designed for [general cleaning] [and] disinfecting hard, nonporous surfaces in health care facilities

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Overall [5] [five] minute contact time	Peace of mind that you are eliminating 99.9% of germs	Perfect for disinfecting <i>[insert use site from Table 1]</i>
Perfect for disinfecting exterior toilet surfaces <i>[or around the exterior of toilet]</i>	[Premixed] [Ready-to-Use] [Premeasured] [and convenient] way to disinfect]	Proven disinfection technology
Provides 1 minute disinfection for broad spectrum of microorganisms. ¹ <i>[will only be used on container label when listed organisms have contact times ≤1 minute]</i>	Reduces bacteria transmitted via contaminated surfaces	Reduces cross contamination on hard nonporous treated surfaces
Reduces cross contamination on treated surfaces	Reduces risk of infection[s] from contaminated surfaces	[Suitable][Approved for] [To Use] [On Surfaces[fomites]] [On <i>[insert item from Table 1 or 2]</i>
Surface disinfectant	The [complete] [and] <i>[or total]</i> [and] <i>[or all facility]</i> answer to [all] your disinfecting needs	The convenient way to disinfect
This product [cleans,] disinfects [,] [and deodorizes] hard, nonporous medical surfaces without any rinsing required.	This product disinfects [and cleans major soils]	
[This product] controls the spread of Germs on [most] hard, nonporous surfaces	Tough on germs, [excellent] <i>[or ideal]</i> <i>[or great]</i> for everyday use	Tough on germs, easy on surfaces
Tough on germs, easy to use around patient[s] areas ¹	Use <i>[or cleans]</i> [and] <i>[or disinfects]</i> on hard, nonporous healthcare surfaces	Use in places when you are concerned about bacteria [and] <i>[or viruses*]</i> [and] <i>[or germs]</i> ¹
Use in public <i>[or common places]</i> where [bacteria [and] <i>[or viruses*]</i> [and] <i>[or germs]</i> may be of concern ¹	Use to preclean or decontaminate critical or semi-critical medical devices prior to sterilization / high-level disinfection	[Use to] [Deodorize hard, non-porous surfaces] [Deodorizes, and kills common household germs ¹]
[Use to] disinfect(s) hard, nonporous [environmental] surfaces [listed on this label]	[Use to]] [Disinfect against bacteria On hard, nonporous surfaces in [1] [one][minute] <i>[will only be used on container label when listed organisms have contact times ≤1 minute]</i>	Use where control of the hazards of cross contamination between treated surfaces is of prime importance
Versatile [cleaner] disinfectant	Virucidal* [and] [or] [Bactericidal]	[Wipes out] [Kills] [common] [household] [bacteria] [viruses*] [germs] ¹
[Wipes out 99.9% of] [Kills] [Eliminates 99.9% of]: <i>[Insert appropriate organisms from Table 3] [in [1] [one] minute]¹ [will only be used on container label when listed organisms have contact times ≤1 minute]</i>	[Wipes out 99.9% of] [Kills] [the] flu virus ^{u1} (Effective against the flu virus caused by Avian Influenza A (H3N2) Reassortant virus)	[Wipes out 99.9% of] [Kills] [viruses* and bacteria][Including the flu virus ^{u1}] ¹ [(Effective against the flu virus caused by Avian Influenza A (H3N2) Reassortant virus)]

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[3 minute contact time] (excluding Feline Calicivirus and Poliovirus)	[3 minute kill time](excluding Feline Calicivirus and Poliovirus)	¥Kills SARS-CoV-2 [Coronavirus] [the virus that causes COVID-19] [in 10 seconds] on hard, non-porous surfaces
[Destroys] [Deactivates] SARS-CoV-2 [the virus that causes COVID-19] [in hospitals]¢	Effective against SARS-CoV-2 [Coronavirus] [the virus that causes COVID-19] [in 10 seconds]¢	Helps reduce the spread of SARS-CoV-2 [Coronavirus] [the virus that causes COVID-19]¢ on treated, hard, nonporous surfaces
Kills SARS-CoV-2 [Coronavirus] [the virus that causes COVID-19] [in 10 seconds]¢	Proven efficacy against SARS-CoV-2 [Coronavirus] [the virus that causes COVID-19] [in 10 seconds]¢	Wipes out 99.9% of SARS-CoV-2 [Coronavirus] [the virus that causes COVID-19] [in 10 seconds]¢

¢[on] hard, nonporous surfaces [of] [identified on this label]

[24 Hour Residual [Continuous] [Continuously Active] Disinfection Claims]

[Breakthrough][Innovative] [Revolutionary [Only]] [disinfectant] [disinfecting] [technology] [[approach] [method] [process] [solution] [product] that [is] [provides] *[insert any of the following bullet points from this section]*

[Any of the claims below may be used alone or in conjunction with the claim above]

[residual] [continuous] [continuously active] [[healthcare] disinfection] ¹	[All day [24 hour] protection] [night and day protection] [Around the clock protection] of hard nonporous surfaces	A unique disinfectant that shields against [epidemiologically important] [ESKAPE**] pathogens for up to 24 hours. ¹
24 hour Continuously active disinfection (CAD) [CAD] technology provides disinfection against key in the healthcare environment ¹ : <ul style="list-style-type: none"> • Acinetobacter baumannii MDR (Multi-drug resistant) • Enterobacter aerogenes • Enterobacter aerogenes MDR (Multi-drug Resistant) • Enterococcus faecalis VRE (Vancomycin resistant enterococcus) • Enterococcus faecium MDR (Multi-drug Resistant) • New Delhi metallo-beta-lactamase-1 (NDM-1) producing Klebsiella pneumoniae (CRE - Carbapenem resistant Enterobacteriaceae) • Pseudomonas aeruginosa • Staphylococcus aureus 	Continues to disinfect, even after the surface is dry, [giving peace of mind] for [up to] 24 hours <i>[or hrs.]</i> ¹	[Continuous] [Ongoing][non-stop] [unabating] [Persistent][persisting][sustained][Disinfectant] for [up to] 24 hours <i>[or hrs.]</i> [against ESKAPE** pathogens] ¹

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<ul style="list-style-type: none"> Staphylococcus aureus –(Methicillin Resistant) (MRSA) 		
Controls the spread of bacteria on treated surfaces for 24 hours [or hrs.]	Designed for 24 hour [or hr.] disinfection against [bacteria] [ESKAPE** pathogens] ¹	[Disinfect] surfaces once a day to provide residual disinfection against bacteria ¹
Disinfection that lasts all day ¹	[Disinfects][Hygienic][Cleaner] between cleaning	Dry touch [continuous][continuously][active] disinfection for [up to] 24 hours [or hrs.] [against ESKAPE** pathogens] ¹
Effective for longer than non-residual disinfectants	Enduring disinfection for [up to] 24 hours [or hrs.] ¹	For 24 hour or hr. disinfection ¹
	Hard surface persistence for [up to] 24 hours [or hrs.]	Ideal for use on [in] {insert use sites/surfaces from Table 2} to provide 24 hour [or hr] [antibacterial] disinfection
[Independent] External tests show this formulation is scientifically proven to kill 99.9[9][99] % of bacteria for 24 hours [even after multiple touches] [normal wear and tear] [up to 90[96] touches] [normal daily use] ¹	Invisible film [provides disinfection] [disinfects][for] 24 hours [or hrs.] ¹	Keeps treated surfaces disinfected longer to [reduce] [stop] the spread of bacteria for 24 hours
	Kills [99.9[99] %] bacteria between each daily cleaning ¹	Kills 99.9[99] % of bacteria [Insert organisms from Table 4] for 24 hours [or hrs.] ¹
[Kills all day long]] [Kills and keeps killing] ¹	[Kills] [disinfects] [eliminates] 99.9[99] % of bacteria for 24 hours [or hrs.] [even after multiple touches] [normal wear and tear] [up to 90+ touches] [normal daily use] ¹	Lasts for 24 [hours] [hrs.]
[Long lasting] 24 hour [continuous] [continuously] [residual] [active] [disinfectant] [for] [healthcare] ¹	Maintains a disinfected surface for 24 hours [or hrs.]	
[Ongoing][non-stop][unabating] [Persistent][persisting][constant][sustained][long lasting] [lasting] [enduring] [cleaning] [disinfecting] [persistence] for [up to] 24 hours [or hrs.] ¹	Works longer than non-residual hospital[healthcare] disinfectants over 24 hours [or hrs.]	Patented formula [providing residual disinfection] [for [up to] 24 hours [or hrs.]] ¹
[Persistent] [continuous] [continuously active disinfection] for [up to] 24 hours [or hrs.] [against ESKAPE** pathogens] ¹	[Persistent] [continuous] [continuously active disinfection] antibacterial [disinfection] for [up to] 24 hours [or hrs.] ¹	Protects hard nonporous surfaces from bacteria between each daily cleaning
Protects [or continuously disinfects] hard nonporous surfaces for up to 96	Protects hard nonporous surfaces from bacteria between each daily	

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touches for [up to] 24 hours [or hrs.]. A product that gives you peace of mind for 24 hours [or hrs.] [residual disinfection against bacteria]	cleaning [disinfecting] [with this product]	
	Provides invisible [coating][layer] that [fights][disinfects][bacteria]for 24 hours [or hrs.] ¹	Provides 24 hour [or hr.] residual [Persistent] [continuous] [continuously active disinfection] antibacterial control [even after multiple touches]
Quat Alcohol formulation is compatible with a broad range of surfaces and equipment in the healthcare environment	Reduce cross contamination[transmission] on treated [high touch] surfaces	Residual self-disinfecting for 24 hours [or hrs.] ¹
Scientifically proven [to disinfect hard nonporous surfaces for 24 hours] [or hrs.]	This product eliminates 99.9 [99] % of bacteria [insert from Table 4] for [up to] 24 hours [or hrs.] ¹	[This product] [kills][eliminates] 99.9% of bacteria, then continues to disinfect [kill 99.9[99]%] against [key][common][clinically important] [ESKAPE**]organisms[pathogens] [insert from Table 4] for [up to] 24 hours [or hrs.] ¹
[This product] [Kills] [insert from Table 4] for 24 hours [or hrs.] ¹	[Unlike][Compare[d] with]][non-residual [insert use site from Table 1] disinfectants] continues working [disinfecting]for 24 hours [or hrs.] of touches][even when dry] ¹	
[When used as directed] [this product] provides residual disinfection from [insert organisms from Table 4] for [up to] 24 hours [or hrs.] after initial application. ¹	[Works longer than] [lasts longer than] non-residual disinfectants	24 hour [or hr.] [persistence] [continuous] [continuously active] [disinfection] ¹
24 hour [or hr.] [residual disinfection] [continuous] [continuously active] [disinfection]for [insert use site from Table 1]	24 hour [or hr.] [residual][continuous] [continuously][active] surface disinfection against bacteria ¹	24 hour [or hr.] disinfection of bacteria [insert bacteria from Table 4] ¹
24 hour [or hr.] sustained performance even on dry treated surfaces	24 hour [or hr.] disinfection on treated surfaces	99.9[99]% reduction after [90][96] touches ¹

[Hard, Nonporous, Nonfood Sanitizing Claims]

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 bacteria]	Eliminates pet odors caused by bacteria
Eliminates [tough] Odors	Kills odor-causing bacteria	Kills odor-causing bacteria in the kitchen [or bathroom]

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Kills <i>[or eliminates]</i> bacteria that cause <i>[bad]</i> odors	<i>[Multi-purpose cleaner] [Sanitizer]</i>	<i>[Rapid][Fast] [kill] [time][sanitization][Reduces][Removes][for] [insert organisms from Table 5]</i>
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[Fragrance Claims]

Fragrance free	Fresh smell	No added <i>[perfumes] [and] [or] [dyes]</i>
No fragrance added	Unscented	

[Cleaning and Deodorizing Claims]

Appropriate <i>[or Perfect or Great or Ideal]</i> for terminal cleaning	<i>[Cleaner][and][Deodorizer]</i>	Cleans <i>[tough stains]</i>
Cleans with <i>[minimal][virtually no]</i> residue	Convenient, quick and easy cleaning all around <i>[the office] [business] [workplace]</i>	Cuts cleaning time
Deodorizer	Deodorizer <i>[for institutional use]</i>	Deodorizes <i>[and][or] [helps deodorize]</i>
Deodorizes food odors <i>[like garlic and onion] [left behind on kitchen surfaces] [after cooking]</i>	<i>[Dual purpose][deodorizing] [cleaning]</i>	Effective cleaning on dried blood
Effective daily cleaner	Eliminates biological odors	Eliminates foul smells and damp odors
Eliminates <i>[lingering] [food]</i> odors on surfaces	Eliminates odors	Eliminates odors at their source
Eliminate[s] <i>[incontinence] odors [from urine [and][or] [feces]and][or] [vomit]</i>	Eliminates <i>[urinary][and][or] [fecal] incontinence [or] [biological][or] tough odors [like urine, feces, and vomit] [quickly]</i>	Eliminate odors without just masking them
Fast strong cleaning	Formulated to neutralize tough <i>[or] biological [or] [urinary [and][or] fecal] [odors] [like urine [and][or] feces [and][or]vomit] incontinence odors [like urine [and][or] [feces] [quickly]</i>	Formulated to neutralize urine <i>[and][or] feces [and][or] vomit [odors] [quickly]</i>
For terminal cleaning	For use on hard, non-porous surfaces <i>[and][or] soft surfaces</i>	<i>[Gets rid of] [Eliminates] odors</i>
Great <i>[and][or excellent]</i> cleaning	<i>[Just][Simply][wipe]</i>	Leaves <i>[insert item/use site from Table 1] fresh and clean</i>
Makes cleaning easier	Powers through tough messes	Removes dirt

[Hard Surface Mildewstat Claims]

Controls [Inhibits][Prevents] the growth of [fungi][fungus][fungal spores][mold spores][mold & mildew spores] [for [up to] 7 days on hard [bathroom][or kitchen] [or household] surfaces	Controls [Inhibits][Prevents] the growth of mold [and] [mildew] for [up to] 7 days on hard surfaces	Controls [Inhibits][Prevents] the growth of mold [and] [mildew] for [up to] 7 days on [Insert items from Table 1]
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[Hard Surface Mildewstat]	Inhibits growth of mold [& mildew] for 7 days	Mildewstat [fungistat]
Prevents [mold and mildew growth][for 7 days]		

[Formula Related Claims]		
[Product name] [is] a quat/alcohol pre-saturated wipe	[Product name] is pre-measured to [have] [contains] [deliver] the recommended amount of [germicidal] [bactericidal] [virucidal*] [tuberculocidal] [fungicidal] [solution], [formula] wipe after wipe.	
[A] [Bleach-free] [fragrance-free] [formula] <i>[this is included as useful info for users needing a bleach-free product]</i>	Bleach-free [formulation][wipe][RTU][formula]	
BPA free	Compatible with commonly used materials [in healthcare settings]	
Compatible [for use on hard, nonporous surfaces commonly found in healthcare settings [listed on this label]]	Contains no phosphates	
Compatible [with equipment surfaces]	Compatibility tested	
Chlorine free		
Does not contain [bleach,] [[fragrance] <i>[this is included as useful info for users needing a bleach-free product]</i>	Does not contain heavy metals	
[Does not include nonylphenol ethoxylates] [Does not include alkylphenol ethoxylates]	[Excellent] [Broad] surface compatibility	
No need to dilute	No diluting or mixing required	
No [mixing,] [measuring,] [or rinsing] required	Non-abrasive formula	
[Non-Bleach,] [non-fragrance] <i>[this is included as useful info for users needing a bleach-free product]</i>	Non-corrosive	
Phosphate free	Proprietary Formulation [product]	
Prevents [mixing] [measuring] [dilution] errors	Quat/alcohol [formulation] [wipe] [RTU] [formula]	
Removes bioburden	Ready to Use [disinfectant] [wipe]	
Requires no mixing or measuring and is ready-to-use	Shelf-Stable formula	
Triclosan free	Unique Formula	
Will not corrode surfaces <i>[or insert use surface from Table 2]</i>	Safe for use on <i>[insert surface material from Table X]</i>	

[NOTE: Any claim may appear on either FRONT or BACK panel in bullet or paragraph format]

[Packaging Related Claims]

Buy 1 Get 1 Free	Close lid [after use][when not in use]	Contains [<i>number</i>] canisters [plus] [and] [<i>number</i>] [refills]
Convenient [Size]	[Convenient and] easy to use	Contains [<i>number</i>] canisters [plus] [and] [<i>number</i>] [refills]
Close lid [after use] [when not in use]	Designed for [EVS] [ES] [Environmental Services]	Designed for easy dispensing [and] [or] [ease of use]

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	[housekeeping][services] [extra large wipe in bucket and refill]	
Dispenses [or Comes [or Pulls] out] one wipe at a time	Dispensing is effortless[!]	Dispenses one wipe at a time
Dispenses one wipe at a time	Does not require [the hassle of] dispensing systems	[Convenient] [Portable] way to disinfect hard, nonporous surfaces
Easy [to use] [to refill]	Easy [and convenient] way to [touch-up] [bathroom] [office] [and other sites listed on this label] everyday	[Easy] pop-up tub
Easy start lid [package]	Easy to use [package] [canister] [container] keeps [your] wipes moist	[Economical] Refill[s] [one] [1] [two] [2] [three] [3] [four] [4] [various numbers] -pack
Easier Than Ever to Use [or Pull] [Wipes] [Out][!]	Easy [and] [or Simple] [or Better] Dispensing[!]	Easy [and] [or Better] [Dispensing] Lid [or Closure] [or Cap]
Easy to carry	Easy to Open [or Thread]	Easy to pull wipes
Easy to [store] [and] [or stack]	Easy to use design	Easy [to use] dispenser
Easy to Use Lid	Easy [to Use] Dispensing [or Dispenser][!]	[Convenient] [Portable] way to disinfect hard, nonporous surfaces
Easy [to use] [to refill]	Easy [and convenient] way to [touch-up] [bathroom] [office] [and other sites listed on this label] everyday	[Economical] Refill[s] [one] [1] [two] [2] [three] [3] [four] [4] [various numbers] -pack
Easy start lid [package]	Easy to use [package] [canister] [container] keeps [your] wipes moist	Economical Refills [now] available
Effortless dispensing[!]	Includes [xx count] refill [pack] [contains] [xx] wipes	Moisture-lock lid
Multiple sizes available to meet disinfecting needs	Multi-pack	[Multi [-refill] pack]
Next wipe pops up automatically [every time] [!]	No canister needed	No threading [required]
One Hand dispensing	One [wipe] at a time dispensing	Packaging made with [x%] recycled plastic
[Package] <i>[insert type of package]</i> made from [x%] recycled materials	[Please] keep lid closed	Phthalates[plasticizer] free
Pop-up [dispensing] [top]	Recyclable [package]	[Refill] package contains [various numbers] [refill(s)]
Refill [size] [pack] [value pack]	Trial [pack]	Twin pack
X% [more] [wipes] [free] [vs. Z count] [canisters] [packs]		

[Towelettes Related Claims]

[Absorbent] wipe

[Cloth-like texture][Textured] [strong] [for] [with] [cleaning] [and][or] [disinfecting]

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Durable, low-lint wipe [designed] [for sensitive equipment surfaces]	[Extra] large [disinfecting] [Y" x Z" compared to our A" x B" size] wipe[s]
[Embossed] wipe is low linting [for sensitive equipment surfaces]	[Heavy] cloth-like towel
Large[r] [wipe][s]	Larger wipe covers [more surface area] larger area [with less effort][!]
Larger, thicker wipe [with embossed design] (<i>may be used for 6 months on marketed label</i>)	Low tearing
Low linting	New thicker wipe with embossed design (<i>may be used for 6 months on marketed label</i>)
Nonwoven wipe is virtually lint-free	Nonwoven disposable cloth
Non-scratching [wipe]	Non-abrasive
No [pinched fingers] [rips] [tears]	Picks up [particles] (dust) [dirt] [hair] [crumbs]
Ready to use, pre-moistened wipe	[Strong,] [Durable,] cloth-like wipes
[Strong,] [Durable,] non-woven disposable cloth	[Strong,] wipe helps remove [dried] blood [and] [bodily fluids] from surfaces
Strong, durable embossed textured wipe deodorizes	[Strong,] wipe helps remove dirt and grime from surfaces
Strong, durable low-lint wipe [designed for sensitive equipment surfaces]	Tear resistant
Textured embossed design [deodorizes hard, non-porous surfaces]	Tear at perforation
Test wipe on small inconspicuous area first	Thick, textured wipe with embossed design
Thick [strong] wipe [material]	Thick[,] [durable,] [tough,] [strong,] [absorbent] [Extra] [Large][or Small] wipe
Wet wipes	[Wiping] [soft] side for disinfecting
X" x Y" [wipes]	X% bigger [quilted] [wipes] [vs. X" x Y" wipes]
X# [pre-saturated] towelettes [X" x Y"]	

[Marketing and Other Product Related Claims]

After use, just toss wipe(s) away		A nonwoven disposable cloth for use [in hospitals] [other critical care areas] [or insert area of use facility from Table 1] where control between treated surfaces is required.
[Based on][Powered by] [Microban] [antimicrobial] [technology]		Convenient
Delivers [consistent][specific] [amount of solution] concentration every time[!]	Designed for healthcare	[Designed] [for] [with] [the] [Environmental Services] [EVS] [ES] [Housekeeping] [Services] [Professional[s]] [in] [mind][!]
[Designed] For daily use [or Use for daily] [or] [discharge] cleaning [in Healthcare facilities]	Developed in the US	Do not use on natural marble, windows, unpainted wood, clear plastic, or colored grout.

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A footnote can be used to list organisms. Bacteria and virus can be separated into footnotes 1 and 2 if desired.
When organisms are listed next to a claim, the organisms may be listed in a footnote instead of directly next to the claim

Sequence and placement of phrases is optional unless specified in 40 CFR 156.10.

Capitalization, plurals or singular, bold and italics are all variable unless specified in 40 CFR

The terms "Wipe(s)", "Towel(s)", "Towelette(s)" and "Cloth(s)" can be used interchangeably throughout except for the product primary brand name which can be only changed by notification or amendment.

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Does not require PPE under normal condition [£] (£Per facility protocol)	Dual action	Easy [and] [convenient to use] [to handle]
Easy to use	Effective [every day] [multisurface] [all facilities] [cleaner][disinfectant]	Environmental services [ES][EVS] [or housekeeping services] use
	Expiration date [or EXP] [insert date]	For direct application
[For] general use	[For] daily use [product]	For office use: keyboard, telephone, office equipment
For [hospital] [healthcare] use	[For] nonfood contact surfaces [only]	For use on nursery surfaces
For use on bathroom surfaces	[Formica®] [glass] [glass tables] [glazed tile] [Test solution on a small inconspicuous area first.] [Formica® is a registered trademark of The Diller Corporation.]	Hospital [or insert area of use facility from Table 1]
Ideal product form for use around patients and staff	[Ideal] for use on high-touch, hard, nonporous surfaces	© [insert year] [insert company name]
Just [pull] wipe and toss	Large[r] Surface[s]	Made [or manufactured] in [USA] [Of Domestic and [Foreign] [Imported] Materials] [Made in [insert country]]
Manufactured in the US		Meets surface disinfection recommendations from OSHA blood-borne pathogens[BBP] standard
	[Microban®] – [Antimicrobial solutions] used by hospitals [doctors] [for over 30 years.]	
No sponges, no rags, no buckets, no mess	Not for sale [or use] after [insert date]	Not for sale in [insert name of state(s)]
No accumulation [build up]	[Portable]	Powered by Microban [antimicrobial] [technology]
[Product name] is a germicidal wipe containing a quat/alcohol based solution. Recommended for use in hospitals and other critical care areas where the control of the hazards of cross-contamination between treated surfaces is required.	Removes and renews [regenerates][rejuvenates][refreshes]	Saves [money][time][labor]
[Sample]	Smart cleaning product [cleaner]	To be used in [insert site from Table 1]
Use by [insert date]	Use on hard, nonporous surfaces only: [stainless steel]	Use on hard nonporous surfaces and equipment listed on this label made of stainless steel, plastic, Formica® and glass. [Formica® is a registered trademark of The Diller Corporation.]
Used by hospitals [doctors] Used in hospitals. Approved [for use] in hospitals [by][doctors]	Value	Versatile

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Where control of the hazards of cross contamination between treated surfaces is of prime importance		
---	--	--

[6 months only claims]

[The following may be used on market labels for six months after introduction to market or applicable updates:]

[Breakthrough] [Innovative] [Revolutionary] [disinfectant] [disinfecting] [technology [approach] [method] [process] [solution] [product]	New Wipe[!]	New [!]
[[New] [formula] [packaging]	[New] [dispensing] lid [closure] [cap] [package] [dispensing]	[New] [Package] [packaging] uses [x%] less material (plastic) [then] [when compared to] [regular] containers [or canisters]
New thicker and larger diamond- embossed wipe cleans more surface area	[New] [Residual][Persistent] Technology]	[New - Saves Time]
[Reinforced] [With] Quilted [strength]		

[Optional Pictograms- Usage and Use Sites/Surfaces]



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The following is optional and may appear as verbiage or as a graphic:

- Quat [&] [/] Alcohol formulation
- Effective against [*insert microorganism from Table 3*]
- Quat [&] [/] Alcohol formulation effective against [*insert microorganism from Table 3*]
- [Bactericidal][Fungicidal][Tuberculocidal] [Virucidal*] formulation effective against [*insert microorganism from Table 3*]
- Bactericidal formulation effective against [*insert microorganism*]
- Virucidal* formulation effective against [*insert microorganism*]
- Bactericidal, Virucidal* [X minute or X seconds]
- Non-bleach formula
- FOR USE ON HARD, NONPOROUS SURFACES ONLY
- Do not freeze
- Do not allow to freeze
- Non-fragrance formula
- Tuberculocidal in [5] [Five] minutes

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{The following graphics may incorporate a claim from the list of disinfection claims}



{The following graphics may incorporate a claim from the list of residual disinfection claims on pages 21-23}

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[The following graphics and statements are optional. They may be placed anywhere on label/container.]

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Do Not Flush

¹on hard, nonporous surfaces

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