

70627-6

11-18-2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

NOV 18 2009

FILE COPY

Rebecca L. Mannion
Registration Specialist
JohnsonDiversey, Inc.
8310 16th Street, MS 707
Sturtevant, WI 53177-1964

Subject: Notification Application per PR Notice 95-2
Phenolic Disinfectant HG
EPA Registration Number: 70627-6
Application Date: November 3, 2009
Receipt Date: November 5, 2009

Dear Ms. Mannion:

This will acknowledge receipt of your notification, submitted under the provisions of PR Notice 95-2.

Proposed Notification:

- Addition of Influenza A virus (H1N1) label claim
- Clarification language regarding hard, nonporous surfaces

General Comment:

Based on a review of the material submitted, the following comment applies:

The notification is acceptable.

Should you have any questions concerning this letter, please contact Heather Garvie at (703) 308-0034 or by email address at garvie.heather@epa.gov.

Sincerely,

ShaRon Carlisle
(Acting) Product Manager 34
Regulatory Management Branch II
Antimicrobials Division (7510P)



United States
Environmental Protection Agency
 Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 70627-6	2. EPA Product Manager Emily Mitchell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Phenolic Disinfectant HG	PM# 34	
5. Name and Address of Applicant (Include ZIP Code) JohnsonDiversey, Inc. 8310 16th Street, MS 707 Sturtevant, WI 53177-1964 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3 (c) (3) (b) (i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____

Section - II

<input type="checkbox"/> Amendment - Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional Page(s) if necessary. (For section I and Section II)

Label Notification to add Influenza H1N1 claim and clarification to malodors marketing text per California DPR to label.

Fee statement: FQPA, no fee required, 20 days

 Contact Information: or Rebecca.Mannion@johnsondiversev.com or via fax: 262-631-4289
 Secondary Contact: Krestil.Lyddon@johnsondiversev.com or via fax: 262-631-2731
Section - III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" Unit Packaging wgt. No. per Container	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" Unit Package wgt. No. Per Container	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted			
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) Retail Container 32, 64 and 84.5 oz. 1 and 5 gallon, bulk	5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input checked="" type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted if necessary to process this application.)			
Name Rebecca L. Mannion	Title Registration Specialist	Telephone No. (Include Area Code) 262-631-4289	
Certification I certify that the statements which I have made on this form and all attachments are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment both under applicable law.			6. Data Application Received (Stamped)
2. Signature 	3. Title Registration Specialist		
4. Typed Name Rebecca L. Mannion	5. Date November 3, 2009		

JohnsonDiversey, Inc.
8310 16th Street
P.O. Box 902
Sturtevant, WI 53177-0902
Tel: 262 631 4001

JohnsonDiversey
Clean is just the beginning



November 3, 2009

Office of Pesticide Programs (Notification - No Fee)
U. S. Environmental Protection Agency
Attn: Ms. Emily Mitchell
Antimicrobial Division (7510P)
One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202

COURIER

Dear Ms. Mitchell:

Subject: Label Notification for Phenolic Disinfectant HG
EPA Reg. No. - 70627-6

JohnsonDiversey, Inc. is submitting a label notification to add Influenza H1N1 efficacy claims to the above-referenced product in accordance with PR Notice 98-10. We also added the clarifying phrase "on hard, nonporous surfaces" to the Malodor statement on pages 5 and 12 per the request of California DPR. The following documents are included in support of this notification:

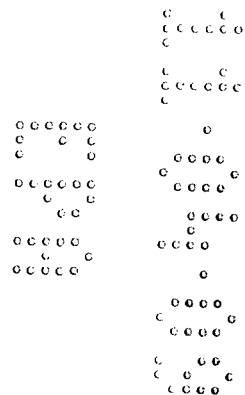
- An Application Form (EPA Form 8570-1).
- Two (2) copies of the proposed label (One copy with changes highlighted)
- Electronic copy of the label with certification
- Certification of Compliance with PR Notice 98-10

If you have any questions or need additional information for this label amendment, please contact me at 262-631-4289 or rebecca.mannion@johnsondiversey.com.

Best regards,

Rebecca L. Mannion
Registration Specialist

Enclosures



$$\frac{4}{16}$$

Elizabeth Manna

Phenolic Disinfectant HG
EPA Reg. No. – 70627-6

A collection of 15 small, stylized line drawings of various birds, arranged in a grid-like fashion. The birds include shorebirds, waterfowl, and songbirds, each depicted in a simple, minimalist style using only outlines and basic shading.

(Note to Agency: Text appearing in parenthesis or brackets is done to show optional text.)

JohnsonDiversey



NOTIFICATION
Date Reviewed: 11/18/09
Reviewed By: J. GARVE

Phenolic Disinfectant HG

ONE-STEP GERMICIDAL DETERGENT • PHENOLIC DISINFECTANT CLEANER

Bactericidal • Tuberculocidal • Fungicidal • *Virucidal • Mildewstatic • Deodorizer (Odor Counteractant)

Cleans, Disinfects & Deodorizes • (Pleasant Fragrance) • (Lemon Scent) • (Concentrate)
Meets OSHA Bloodborne Pathogen Standard for HBV & HIV

For (Hospital,) (Foodservice,) (Commercial,) (Industrial) (&) (Institutional) Use.

ACTIVE INGREDIENTS:

o-Benzyl-p-chlorophenol 10.5%

o-Phenylphenol 10.5%

INERT (OTHER) INGREDIENTS: 79.0%

TOTAL: 100.0%

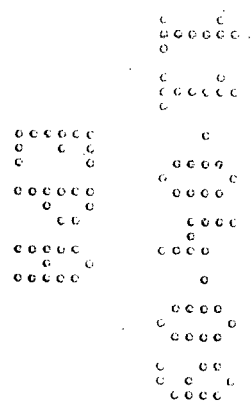
**KEEP OUT OF REACH OF CHILDREN
DANGER**

See additional precautionary statements on (back) (side) (left) (right) (of) (panel) (label) (below).

See reference sheet (enclosed in each case) for (complete list of pathogenic organisms) (additional features, claims, directions for use) (claimed for this product).

Net Contents:

(Product of USA)



(Note to Agency: Text appearing in *parenthesis* or brackets is done to show optional text.)

(MARKETING CLAIMS): (Note to EPA - This text will only appear on the appropriate container.)

ACCUMIX™ CONTAINERS DISPENSING SYSTEM (32 oz. container) - ACCUMIX™. (Remove [Loosen] cap).

Squeeze. (Squeeze bottle.) Measure. (Measure amount). Pour. (Pour contents). (Designed) For use with 5 gallon Buddy Jugs™ (BIG BUDDY™ [ACCUTAINER™] Containers). Phenolic Disinfectant HG can also be diluted into pre-cleaned and properly labeled 5-gallon BUDDY JUG™ (ACCUTAINERS™) (Dispensing Containers) for dispensing as needed.

SOLUTIONS CENTER™ DISPENSING SYSTEM (64 oz. containers) - For use with (JOHNSON WAX PROFESSIONAL™) (SOLUTIONS CENTER™) Brand Dispensing Equipment. Eliminates Mixing. The Accurate Solution To Cleaner Dilution. Disinfectant Cleaning With The Convenience Of (SOLUTIONS CENTER™). (SOLUTIONS CENTER™) (This) packaging offers) Reduced Exposure To Concentrate Due To Closed Transfer System. Solutions To Go!

J-FILL™ DISPENSING SYSTEM (84.5 oz. containers) - For use with (JOHNSON WAX PROFESSIONAL™) (J-FILL™) Brand Dispensing Equipment. Eliminates Mixing. The Accurate Solution To Cleaner Dilution. Disinfectant Cleaning With The Convenience Of J-FILL™. J-FILL™ (This) packaging offers) Reduced Exposure To Concentrate Due To Closed Transfer System. Solutions To Go!

RTD™ DISPENSING SYSTEM (1.5L & 5L containers) -RTD. Very Simple. Very Smart. Ready-To-Dispense. Out of the box. Provides accuracy. No chemical connections, sealed bottle. Proven dilution control concentrate.

PRE-MEASURED PACKETS DISPENSING SYSTEM - Pre-Measured [Tear-Open] Packets.

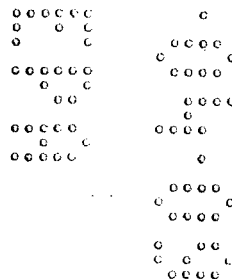
(General Uses)

For use on hard, non-porous surfaces such as floors, walls, metal surfaces, painted surfaces, exterior bowl surfaces, empty basins, showers, conductive flooring and lavatory fixtures. For use in hospitals, nursing homes, schools, colleges, medical and dental offices, farms, hog farms, equine farms, poultry and turkey farms, meat and poultry plants, kennels, pet shops, veterinary clinics, and animal life science laboratories. This includes barns, calf pens, laying operations, breeder operations, hatcheries, agricultural buildings and premises, live haul equipment, trucks, footbaths, and meat and poultry processing plants.

Phenolic Disinfectant HG cleans quickly by removing dirt, grime, body oils and other common soils. This product is for use in hospitals, medical clinics, nursing homes, schools and colleges, (day care centers), (medical) offices, funeral homes, veterinary clinics, pet shops, (equine farms), animal life science laboratories, hotels, motels, restrooms, food service establishments (restaurants).

Phenolic Disinfectant HG is a one-step (hospital-use) germicidal (disinfectant) cleaner and deodorant (odor-counteractant) (odor neutralizer) designed for general cleaning, (and) disinfecting, (deodorizing) (of) hard, non-porous environmental surfaces. Phenolic Disinfectant HG (It) cleans quickly by removing dirt, grime, food residue, body oils, dead skin, blood and other organic matter commonly found in hospitals, nursing homes, schools and colleges, (day care centers), (medical) offices, funeral homes, veterinary clinics, pet shops, (equine farms), animal life science laboratories, hotels, motels, restrooms, food service establishments (restaurants).

It is designed for use on (Use daily on) the following hard, non-porous environmental surfaces: vinyl, painted surfaces, plastic (surfaces), glazed ceramic, glazed porcelain, chrome, stainless steel, aluminum, laminated surfaces and baked enamel surfaces associated with floors, walls, ceilings, tables, chairs, countertops, telephones, fixtures, glazed tile, external surfaces of toilets, external surfaces of urinals, sinks, shower rooms and locker rooms areas - any washable (food and non-food contact) surface where disinfection is required. A potable water rinse is required for food contact surfaces. Do not use on glasses, dishes, and utensils.



(Note to Agency: Text appearing in *parenthesis or brackets is done to show optional text.*)

(Food Service:)

Phenolic Disinfectant HG removes dirt, grime and food soils in food preparation and processing areas. Its non-abrasive formula will not harm (scratch) surfaces. It cleans, disinfects and eliminates odors leaving surfaces smelling clean and fresh. Use where odors are a problem.

Its non-abrasive formula is designed for use on (Use daily on) the following hard, non-porous environmental surfaces: vinyl, painted surfaces, plastic (surfaces), glazed ceramic, glazed porcelain, chrome, aluminum, stainless steel, brass, copper, laminated surfaces and baked enamel surfaces (associated with floors, walls, ceilings, tables, chairs, countertops, fixtures, glazed tile, external surfaces of toilets, (external surfaces of toilet bowls), external surfaces of urinals, sinks found in food establishments, (restaurants), (commercial kitchens) & restrooms. A potable water rinse is required for food contact surfaces.

(Hospitals/Health Care Facilities)

Phenolic Disinfectant HG is a one-step (hospital-use) germicidal (disinfectant) cleaner and deodorant (odor-counteractant) (odor neutralizer) designed for general cleaning, (and) disinfecting, (deodorizing) (of) hard, non-porous environmental surfaces. Phenolic Disinfectant HG (It) cleans quickly by removing dirt, grime, food residue, body oils, dead skin, blood and other organic matter commonly found in hospitals (in health care facilities) (on medical surfaces), (nursing homes, and medical offices). It (also) eliminates odors leaving (restroom) surfaces smelling clean and fresh. Use where odors are a problem.

Phenolic Disinfectant HG cleans, disinfects and deodorizes (hard, non-porous environmental hospital (medical) surfaces) in one step (with no rinsing required). Its non-abrasive formula is designed for use on (Use daily on) the following hard, non-porous environmental surfaces: vinyl, painted surfaces, plastic (surfaces), glazed ceramic, glazed porcelain, chrome, stainless steel, laminated surfaces and baked enamel surfaces typically associated with floors, walls, ceilings, tables, chairs, countertops, telephones, fixtures, glazed tile, external surfaces of toilets, external surfaces of urinals, sinks found in (health care facilities [hospitals],) patient rooms, resident rooms, operating rooms, ICU areas, shower rooms, and locker rooms. (It can also be used to pre-clean and disinfect hospital items: wheelchairs, [hospital] [patient] bed rails and linings, wash basins, bedpans, [and] [hospital] medical equipment [& devices,]) - any washable (food and non-food contact) surface (where disinfection is required). A potable water rinse is required when disinfecting food contact surfaces. Do not use on glasses, dishes, and utensils.

(Animal Housing Facilities:)

Phenolic Disinfectant HG cleans by removing dirt, grime, blood, urine, fecal matter and other common soils found in animal housing facilities, livestock, swine or poultry facilities, grooming facilities, farms, kennels, pet stores, veterinary clinics, laboratories or other small animal facilities. It (also) eliminates odors leaving surfaces smelling clean and fresh.

Phenolic Disinfectant HG cleans, disinfects and deodorizes (hard, non-porous environmental surfaces) in one step. Its non-abrasive formula is designed for use on (Use daily on) (Use daily to clean and disinfect) hard, non-porous surfaces: plated or stainless steel, aluminum, chrome, glazed porcelain, glazed tile, laminated surfaces (typically associated with floors, walls, countertops, cages, kennels, animal equipment) found in (barns, pens and stalls) animal housing facilities.

(Public Restrooms:)

Phenolic Disinfectant HG is a one-step disinfectant cleaner and deodorant (odor-counteractant) (odor-neutralizer) designed for general cleaning, (and) (disinfecting) (deodorizing) on (of) a variety of hard, non-porous environmental surfaces.

Phenolic Disinfectant HG cleans, disinfects and deodorizes surfaces by killing odor-causing germs. Its non-abrasive formula is designed for use on (restroom surfaces): glazed ceramic (restroom) tile, glazed porcelain, chrome, stainless steel and plastic surfaces typically associated with floors, walls, fixtures, external surfaces of toilets, external surfaces of urinals, sinks, shower rooms and locker rooms.

(Non-Acid Bowl [& Bathroom] Disinfectant Cleaner:)

Phenolic Disinfectant HG is a (concentrated) non-acid (bowl and) bathroom cleaner which cleans, disinfects and deodorizes in one easy step. It cleans, disinfects and deodorizes external surfaces of toilet bowls, external surfaces of urinals, external surfaces of rims, sinks, sink basins, faucets, tubs, glazed tiles, glazed ceramic, glazed porcelain, chrome, stainless steel, and all hard non-porous, washable surfaces found in the bathroom (restroom) (in the presence of organic soil).

(Note to Agency: Text appearing in parentheses or brackets is done to show optional text.)

Phenolic Disinfectant HG eliminates odors leaving bathrooms (restrooms) smelling clean and fresh. Use where odors are a problem. It cleans, disinfects and deodorizes surfaces by killing odor-causing microorganisms. Its non-abrasive formula is designed for use (Use it daily) on ([hard, non-porous environmental] restroom surfaces): glazed ceramic (restroom) tile, glazed porcelain, chrome, stainless steel and plastic surfaces typically associated with floors, walls, fixtures, external surfaces of toilets, external surfaces of urinals, sinks, shower rooms and locker rooms.

(Refill)(For Refilling Concentrate From Large Containers Into Smaller Containers:)

Phenolic Disinfectant HG may be used to fill and refill clean, properly labeled containers for dilution elsewhere within your facility. Make sure the small container has been cleaned, dried and properly labeled. Also make sure other items (such as funnels or hand pumps) are properly cleaned and dried. To refill, simply pour (or pump) product from the larger container directly into the smaller one being careful not to spill any product. Keep both containers sealed when not in use.

(CLAIMS:)

Phenolic Disinfectant HG is (a multi-purpose germicidal detergent) proven effective by the AOAC Use-Dilution method in 400 ppm hard water (calculated as CaCO₃) in the presence of 5% serum load (organic bioload) (Fetal Bovine Serum) and 10 minutes contact time, unless otherwise noted. (Phenolic Disinfectant HG's formula disinfects, cleans, and deodorizes in one labor-saving step.) Phenolic Disinfectant HG is effective against the following (pathogenic organisms) on hard non-porous inanimate surfaces:

Bacteria (Bactericidal Activity):

Pseudomonas aeruginosa, (ATCC 15442)
Salmonella enterica, (ATCC 10708)
Staphylococcus aureus, (ATCC 6538)
Brevundimonas diminuta, (ATCC 4335)
formerly known as *Pseudomonas diminuta*
Bordetella bronchiseptica, (ATCC 10580)

Corynebacterium ammoniagenes, (ATCC 6872)
formerly known as *Brevibacterium ammoniagenes*
Campylobacter fetus, (ATCC 27374)

Chlamydia psittaci, (VR-125)
Citrobacter freundii, (ATCC 8090)
Enterobacter aerogenes, (ATCC 13048)
Enterobacter cloacae, (ATCC 23355)
Enterococcus faecalis, (ATCC 19433)
formerly known as *Streptococcus faecalis*
Enterococcus hirae, (ATCC 10541)
Escherichia coli, (ATCC 11229)

Escherichia coli 0157:H7, (ATCC 43888)
Haemophilus influenza, (ATCC 10211)
Klebsiella oxytoca, (ATCC 43863)
Klebsiella pneumoniae, (ATCC 13883)
Leclercia adecarboxylata, (ATCC 29916)
formerly known as *Enterobacter agglomerans*

Listeria monocytogenes, (ATCC 15313)
Micrococcus luteus, (ATCC 4698)

Morganella morganii, (ATCC 25830)

Neisseria gonorrhoeae, (ATCC 43069)
Pasteurella multocida, (ATCC 43137)
Proteus mirabilis, (ATCC 25933)
Proteus vulgaris, (ATCC 13315)
Providencia rettgeri, (Clinical isolate HL 92)
Pseudomonas cepacia, (ATCC 25609)
Pseudomonas fluorescens, (ATCC 13525)
Salmonella choleraesuis, (ATCC 10719)
formerly known as *Salmonella schottmuelleri*

Salmonella choleraesuis, (ATCC 13076)
formerly known as *Salmonella enteritidis*
Salmonella choleraesuis pullorum, (ATCC 19945)
Salmonella typhi, (ATCC 6539)
Salmonella typhimurium, (ATCC 14028)
Serratia marcescens, (ATCC 8100)

Shigella dysenteriae, (ATCC 13313)
Shigella flexneri, (ATCC 12022)

Staphylococcus aureus (Toxic Shock),
(ATCC 33586)
Staphylococcus epidermidis, (ATCC 14990)
Staphylococcus haemolyticus, (ATCC 29970)
Staphylococcus saprophyticus, (ATCC 15305)
Streptococcus agalactiae, (ATCC 13813)
Streptococcus pyogenes, (ATCC 19615)
Streptococcus pyogenes, (Clinical isolate)
(Strep A - Flesh Eating Strain)
Vibrio cholera, (ATCC 11623)
Yersinia enterocolitica, (ATCC 23715)

Antibiotic-Resistant (Strains of) Bacteria (Antibiotic-Resistant Bactericidal Activity):

Enterococcus faecalis (VRE), (ATCC 51299)
Resistant to Vancomycin

Enterococcus faecium (VRE), (ATCC 51559)
Resistant to Vancomycin, Ampicillin,
Ciprofloxacin, Gentamicin, Rifampin,
Teicoplanin

Micrococcus sedentarius, (ATCC 27573)
Resistant to Methicillin, Penicillin

Enterobacter cloacae, (Clinical isolate HL 129)

Enterococcus species, (Clinical isolate HL 128)

Staphylococcus aureus, (ATCC 14154)
Resistant to Erythromycin, Penicillin,
Streptomycin, Tetracycline

Staphylococcus aureus (MRSA/GRSA),
(ATCC 33592), Resistant to Methicillin,
Gentamicin

Staphylococcus aureus (VISA), (HIP 5836)
Intermediate Resistance to Vancomycin

Pseudomonas maltophilia,
(Clinical isolate HL 131)

Staphylococcus aureus,
(Clinical isolate HL 121)

Staphylococcus epidermidis (MRSE),
(ATCC 51625), Resistant to Methicillin

Streptococcus pneumoniae (PRSP),
(ATCC 51915), Resistant to Penicillin

Staphylococcus aureus, (Clinical isolate HL 122)

Staphylococcus aureus, (Clinical isolate HL 130)

Proteus mirabilis, (Clinical isolate HL 126)

Tuberculocidal Activity - This product exhibits disinfectant efficacy against *Mycobacterium bovis* (ATCC 19015) in 10 minutes at 20° C when used as directed on previously cleaned hard non-porous environmental surfaces.

(Note to Agency: Text appearing in parenthesis or brackets is done to show optional text.)

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***HBV, HCV & HIV Activity** - This product kills HBV, HCV & HIV (AIDS virus) (HTLV-III_B) when used as directed on hard, non-porous inanimate surfaces with a 1 minute contact time and 10% serum.

***Viruses (*Virucidal Activity):**

*Adenovirus Type 2, (VR-2)
*Herpes Simplex Type 1, (VR-733)
*Herpes Simplex Type 2, (CCL 26)
*Human Coronavirus, (VR-740)

*Human Rhinovirus Type 38, (VR-511)
*Influenza Type A/Michigan
*Poliovirus Type 1, (VR-192)
*Reovirus Type 3, (VR-232)

*Respiratory Syncytial virus, (VR-26)
*Rotavirus, (Strain WA)
*Rubella virus, (CCL 7)
*Vaccinia virus, (VR-117)

***Veterinary viruses:**

*Avian Influenza, (Type A/Michigan)
*Canine parvovirus, (VR-2006)

*Feline leukemia, (VR-717)
*Feline picornavirus, (VR-649)
*Feline Rhinotracheitis virus, (VR-636)

*Infectious Bovine Rhinotracheitis, (VR-793)
*Newcastle Disease Virus, (VR-109)
*Transmissible Gastroenteritis virus (TGE),
(Univ. of Minn.)

Fungi/Yeast (Fungicidal and Yeast Activity):

Candida albicans, (ATCC 10231)

Trichophyton mentagrophytes, (ATCC 9533)

Mold/Mildew (Mildewstatic Activity) - controls (inhibits) the growth of mold and mildew: *Aspergillus niger* (ATCC 16404) (and the odors caused by them when applied to hard, non-porous environmental surfaces).

Malodor(s) (Activity) (Counteractancy) – eliminates (destroys) odors and odor-causing bacteria on hard, nonporous surfaces in restroom areas, behind and under sinks and counters, and storage areas (and other places where bacterial growth can cause malodors).

(Note to reviewer: We will choose one or more of these statements depending on available space on the product label.)

- *Respiratory illnesses attributable to Pandemic 2009 H1N1 are caused by Influenza A virus: (This product or product name) is a broad-spectrum hard surface disinfectant that has been shown to be effective against Influenza Type A/Michigan and Avian Influenza Type A/Michigan, 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 Type A/Michigan and Avian Influenza Type A/Michigan) 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.

DIRECTIONS FOR USE:

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

(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 pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.)

Phenolic Disinfectant HG can be applied by mop, sponge, cloth, paper towel, (hand pump) (coarse) trigger sprayer or by soaking. Change cloth, sponges or towels frequently to avoid redeposition of soil. For disinfection, all surfaces must remain wet for 10 minutes. Rinsing is not necessary on floor surfaces unless floors are to be waxed or polished.

(Note to Agency: Text appearing in parentheses or brackets is done to show optional text.)

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To Prepare Use Solution:

Add the product at ½ oz. per gallon of water (4 mL/L) (1:256).

(Note to EPA: The directions that appear for specific container sizes will be substituted for the sentence above only on that container size.)

ACCUMIX™ CONTAINERS DISPENSING SYSTEM (32 oz. container) - Add the product at 1/2 oz. per gallon of water (4mL/L) (1:256).

SOLUTIONS CENTER™ DISPENSING SYSTEM (64 oz. containers) - Remove cap and insert cartridge into dispenser. Note: See dispenser instructions for proper cartridge placement. Once cartridge is in place, squeeze the handle or press the button to dispense a 1:256 solution into a bucket, bottle, scrubber or other container.

J-FILL™ DISPENSING SYSTEM (84.5 oz. containers) - Remove cap and insert cartridge into dispenser. Note: See dispenser instructions for proper cartridge placement. Once cartridge is in place, squeeze the handle or press the button to dispense a 1:256 solution into a bucket, bottle, scrubber or other container.

RTD™ DISPENSING SYSTEM (1.5L and/or 5L containers) - Turn off water to connect unit. Attach to water source. Rotate control knob to fill bottle or bucket. Squeeze handle to dispense a 1:256 solution into a bottle (bucket) (or other container). See device instruction manual for more information.

PRE-MEASURED PACKETS DISPENSING SYSTEM - (Simply) open and pour contents into xx gallons of water (for a 1:256 dilution). Keep packets in box until ready to use. (Pour contents of packet into xx gallons of water for a 1:256 dilution.)

For use as a (General) Cleaner and/or Deodorizer:

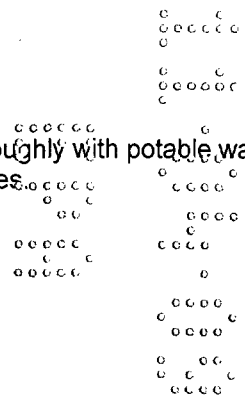
1. Apply use-solution evenly over surface to be cleaned.
2. Wipe with clean cloth, sponge or paper towel. For heavily soiled areas or stubborn spots, let solution stay on the surface longer before wiping.

For use as a One-Step Cleaner/Disinfectant:

1. Apply use-solution evenly over surface. Be sure to wet all surfaces thoroughly.
2. Let use-solution remain on surface for ten (10) minutes.
3. Wipe with clean cloth, sponge or paper towel.
4. For heavily soiled areas, thoroughly clean surface prior to disinfecting.
5. When disinfecting food contact surfaces such as kitchen counters, tables used for food preparation, non-porous cutting boards, appliances and sinks, rinse surfaces thoroughly with potable water. This product must not be used to clean the following surfaces: utensils, glassware, and dishes.

For use as a Cleaner/Disinfectant in Food Processing Plants:

1. Before using this product in food processing areas, food products and packaging materials must be removed from the room or carefully protected.
2. Apply use-solution evenly over surface. Be sure to wet all surfaces thoroughly.
3. Let use-solution remain on surface for ten (10) minutes.
4. Wipe with clean cloth, sponge or paper towel.
5. For heavily soiled areas, thoroughly clean surface prior to disinfecting.
6. When disinfecting food contact surfaces used for food preparation, rinse surfaces thoroughly with potable water. This product must not be used to clean the following surfaces: utensils, glassware, and dishes.



(Note to Agency: Text appearing in () parenthesis or brackets is done to show optional text.)

For Use To Clean and Disinfect Barber and Beauty/Manicure Instruments and Tools:

1. Pre-clean heavily soiled items.
2. Completely immerse pre-cleaned combs, brushes, scissors, clipper blades, razors, manicure implements and other non-porous instruments in the use-solution so that surfaces remain wet for ten (10) minutes.
3. Rinse surfaces thoroughly and let air dry before reuse.
4. Change solution daily or when visibly dirty.

NOTE: Plastics may remain immersed until ready to use. Stainless steel shears and other metal instruments must be removed after 10 minutes, rinsed, dried and kept in a clean, non-contaminated receptacle. Prolonged soaking may cause damage to metal instruments.

To Control Mold and Mildew:

1. Apply use-solution to hard, non-porous inanimate surfaces.
2. Allow to air dry.
3. Repeat application weekly or when growth reappears.

To Kill Fungi:

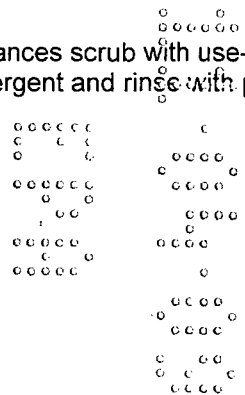
1. Pre-clean heavily soiled areas.
2. Apply use-solution to hard, non-porous inanimate surfaces.
3. Allow surface to remain wet for ten (10) minutes.
4. Wipe surfaces (and let air dry).

HATCHERY: Can be used for cleaning, disinfecting and deodorizing floors, walls and equipment throughout the hatchery. This includes incubators, setters, and racks. Add 1/2 ounce per gallon of water. Hot or cold water may be used. Remove loose waste, gross filth and heavy soil deposits prior to disinfecting. Repeat with fresh solution to disinfect.

MEAT AND POULTRY PLANTS: For use as a floor and wall cleaner. Before use of this compound, food products and packaging materials must be removed from the room and carefully protected. After use of this compound, all surfaces must be thoroughly rinsed with potable water. Use 1/2 ounce per gallon of water. For use on all surfaces in inedible product processing areas, non-processing areas, and/or exterior areas. For use as an antimicrobial agent in all departments. Use product in accordance with its label. All surfaces must be thoroughly rinsed with potable water. Avoid contamination of food contact surfaces in the application of this product.

For Use In Treatment of Animal Housing Facilities:

1. Remove all animals and feed from areas being treated.
2. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes, and other facilities occupied or traversed by animals.
3. Empty or cover all troughs, racks and other feeding and watering appliances.
4. Thoroughly clean all surfaces with soap and rinse with water.
5. Apply use-solution to floors, walls, cages and other washable hard, non-porous inanimate surfaces. For smaller surfaces, use a trigger spray bottle to spray all surfaces with solution until wet. To disinfect, all surfaces must remain wet for ten (10) minutes.
6. Do not house animals or employ equipment until product has dried.
7. For disinfection of feed racks, troughs, automatic feeders, fountains and watering appliances scrub with use-solution, let stand ten (10) minutes. Then thoroughly scrub all treated surfaces with soap or detergent and rinse with potable water before reuse.



(Note to Agency: Text appearing in () entthesis or brackets is done to show optio . text.)

***Kills HBV, HCV and HIV-1 (AIDS Virus) on pre-cleaned environmental surfaces/objects previously soiled with blood/body fluids** in health care settings (Hospitals, Nursing Homes) and 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 Hepatitis B virus, Hepatitis C virus and Human Immunodeficiency virus Type 1 (HIV-1) (associated with AIDS).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HBV, HCV and HIV-1 (AIDS VIRUS) OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.

Personal Protection: Disposable latex or vinyl gloves, gowns, face masks and eye coverings as appropriate, must be worn during all cleaning of body fluids, blood, and decontamination procedures.

Cleaning Procedures: Blood and body fluids must be thoroughly cleaned from surfaces and objects before application of this product.

Contact Time: Allow surface to remain wet for 1 minute to kill HBV, HCV and HIV-1 and 10 minutes to kill all other organisms.

Disposal of Infectious Material: Blood and other body fluids should be autoclaved and disposed of according to Federal, State, and local regulations for infectious waste disposal.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Do not store near heat or open flame.

PESTICIDE STORAGE:

Do not reuse empty container (unless refilling from a larger container of the same product according to the refilling directions outlined previously). (Keep from freezing.)

PESTICIDE DISPOSAL:

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL *Note to reviewer – One or more of the following paragraphs for Container Disposal will be selected, depending on packaging type:*

(If not being refilled with this product,) triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

NONREFILLABLE SEALED CONTAINERS: *Note to EPA: Several of our packaging options (including ACCUMIX Containers™, Solutions Center™, J-Fill™, OUTPOST™, Single Solutions™, Smart Dose, Command Center™, or RTD™) are sealed containers or bottles designed to reduce worker exposure to the concentrate. None of these can be triple rinsed because they are closed, sonically welded, sealed containers. The following text will be used on these sealed container types:*

Nonrefillable container. Do not reuse or refill this container. Wrap empty container and put in trash.

NONREFILLABLE NON-RIGID CONTAINERS: *Note to EPA: Several of our packaging options are Bag-in-Box containers (a plastic bag liner supported inside a box) or are flexible bag-type containers (such as ACCUPACK™ Containers). These flexible containers are exempt from the triple rinsing requirements. The following text will be used on these container types:*

Nonrefillable container. Do not reuse or refill this container. Wrap empty container and put in trash.

(Note to Agency: Text appearing in () parenthesis or brackets is done to show optional text.)

SMALL NONREFILLABLE CONTAINERS: Note to EPA: The following text will be used on rigid, nonrefillable containers small enough to shake (5 gallons or smaller):

Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer container for recycling, if available.

LARGE NONREFILLABLE CONTAINERS: Note to EPA: One of the following paragraphs will be used on labels for rigid, nonrefillable containers too large to shake (larger than 5 gallons):

Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for at least 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer container for reconditioning, if appropriate.

OR

Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or a mix tank or collect rinsate for later use or disposal. Insert pressure-rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Offer for reconditioning, if appropriate.

REFILLABLE CONTAINERS: Note to EPA: One of the following paragraphs will be used on labels for refillable containers:

Refillable container. Refill this container with (this brand or brand name) pesticide only. Do not reuse this container for any other purpose.

Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

OR

Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

To clean the container prior to final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

ENVIRONMENTAL HAZARDS (for containers 5 gallons and larger)

Do not discharge effluent containing this product into lakes, streams, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

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DANGER: Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or on clothing. Wear chemical splash-proof goggles and chemical resistant gloves when handling. Harmful if swallowed, absorbed through skin or inhaled. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.

Have the product container or label with you when calling a Poison Control Center or doctor or going in for treatment.

(NOTE: This product contains a chemical known to the State of California to cause cancer.)

EPA Est. No.

(Lot code letters indicate establishment number.)

(MSDS Ref. No.xxxxxxxxxx)

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A collection of 15 small, stylized line drawings of various birds, including shorebirds, waterfowl, and songbirds, arranged in a grid-like fashion.

JohnsonDiversey



Phenolic Disinfectant HG REFERENCE SHEET

Phenolic Disinfectant HG is (a multi-purpose germicidal detergent) proven effective by the AOAC Use-Dilution method in 400 ppm hard water (calculated as CaCO_3) in the presence of 5% serum load (organic bioload) (Fetal Bovine Serum) and 10 minutes contact time, unless otherwise noted. (Phenolic Disinfectant HG's formula disinfects, cleans, and deodorizes in one labor-saving step.) Phenolic Disinfectant HG is effective against the following (pathogenic organisms) on hard non-porous inanimate surfaces:

Bacteria (Bactericidal Activity):

Pseudomonas aeruginosa, (ATCC 15442)
Salmonella enterica, (ATCC 10708)
Staphylococcus aureus, (ATCC 6538)
Brevundimonas diminuta, (ATCC 4335)
formerly known as *Pseudomonas diminuta*
Bordetella bronchiseptica, (ATCC 10580)

Corynebacterium ammoniagenes, (ATCC 6872)
formerly known as *Brevibacterium ammoniagenes*
Campylobacter fetus, (ATCC 27374)

Chlamydia psittaci, (VR-125)
Citrobacter freundii, (ATCC 8090)
Enterobacter aerogenes, (ATCC 13048)
Enterobacter cloacae, (ATCC 23355)
Enterococcus faecalis, (ATCC 19433)
formerly known as *Streptococcus faecalis*
Enterococcus hirae, (ATCC 10541)
Escherichia coli, (ATCC 11229)

Escherichia coli 0157:H7, (ATCC 43888)
Haemophilus influenza, (ATCC 10211)
Klebsiella oxytoca, (ATCC 43863)
Klebsiella pneumoniae, (ATCC 13883)
Leclercia adecarboxylata, (ATCC 29916)
formerly known as *Enterobacter agglomerans*

Listeria monocytogenes, (ATCC 15313)
Micrococcus luteus, (ATCC 4698)

Morganella morganii, (ATCC 25830)

Neisseria gonorrhoeae, (ATCC 43069)
Pasteurella multocida, (ATCC 43137)
Proteus mirabilis, (ATCC 25933)
Proteus vulgaris, (ATCC 13315)
Providencia rettgeri, (Clinical isolate HL 92)
Pseudomonas cepacia, (ATCC 25609)
Pseudomonas fluorescens, (ATCC 13525)
Salmonella choleraesuis, (ATCC 10719)
formerly known as *Salmonella schottmuelleri*

Salmonella choleraesuis, (ATCC 13076)
formerly known as *Salmonella enteritidis*
Salmonella choleraesuis pullorum, (ATCC 19945)
Salmonella typhi, (ATCC 6539)
Salmonella typhimurium, (ATCC 14028)
Serratia marcescens, (ATCC 8100)

Shigella dysenteriae, (ATCC 13313)
Shigella flexneri, (ATCC 12022)

Staphylococcus aureus (Toxic Shock),
(ATCC 33586)
Staphylococcus epidermidis, (ATCC 14990)
Staphylococcus haemolyticus, (ATCC 29970)
Staphylococcus saprophyticus, (ATCC 15305)
Streptococcus agalactiae, (ATCC 13813)
Streptococcus pyogenes, (ATCC 19615)
Streptococcus pyogenes, (Clinical isolate)
(Strep A - Flesh Eating Strain)
Vibrio cholera, (ATCC 11623)
Yersinia enterocolitica, (ATCC 23715)

Antibiotic-Resistant (Strains of) Bacteria (Antibiotic-Resistant Bactericidal Activity):

Enterococcus faecalis (VRE), (ATCC 51299)
Resistant to Vancomycin

Enterococcus faecium (VRE), (ATCC 51559)
Resistant to Vancomycin, Ampicillin,
Ciprofloxacin, Gentamicin, Rifampin,
Teicoplanin

Micrococcus sedentarius, (ATCC 27573)
Resistant to Methicillin, Penicillin

Enterobacter cloacae, (Clinical isolate HL 129)

Enterococcus species, (Clinical isolate HL 128)

Staphylococcus aureus, (ATCC 14154)
Resistant to Erythromycin, Penicillin,
Streptomycin, Tetracycline

Staphylococcus aureus (MRSA/GRSA),
(ATCC 33592), Resistant to Methicillin,
Gentamicin

Staphylococcus aureus (VISA), (HIP 5836)
Intermediate Resistance to Vancomycin

Pseudomonas maltophilia,
(Clinical isolate HL 131)

Staphylococcus aureus,
(Clinical isolate HL 121)

Staphylococcus epidermidis (MRSE),
(ATCC 51625), Resistant to Methicillin

Streptococcus pneumoniae (PRSP),
(ATCC 51915), Resistant to Penicillin

Staphylococcus aureus, (Clinical isolate HL 122)

Staphylococcus aureus, (Clinical isolate HL 130)

Proteus mirabilis, (Clinical isolate HL 126)

Tuberculocidal Activity - This product exhibits disinfectant efficacy against *Mycobacterium bovis* (ATCC 19015) in 10 minutes at 20° C when used as directed on previously cleaned hard non-porous environmental surfaces.

$$\begin{array}{r} 16 \\ \hline 18 \end{array}$$

***Viruses (*Virucidal Activity):**

- *Adenovirus Type 2, (VR-2)
- *Herpes Simplex Type 1, (VR-733)
- *Herpes Simplex Type 2, (CCL 26)
- *Human Coronavirus, (VR-740)

- *Human Rhinovirus Type 38, (VR-511)
- *Influenza Type A/Michigan
- *Poliovirus Type 1, (VR-192)
- *Reovirus Type 3, (VR-232)

*Respiratory Syncytial virus, (VR-26)
*Rotavirus, (Strain WA)
*Rubella virus, (CCL 7)
*Vaccinia virus, (VR-117)

***Veterinary viruses:**

*Avian Influenza, (Type A/Michigan)
*Canine parvovirus, (VR-2006)

- *Feline leukemia, (VR-717)
- *Feline picornavirus, (VR-649)
- *Feline Rhinotracheitis virus, (VR-636)

*Infectious Bovine Rhinotracheitis, (VR-793)
*Newcastle Disease Virus, (VR-109)
*Transmissible Gastroenteritis virus (TGE),
(Univ. of Minn.)

Fungi/Yeast (Fungicidal and Yeast Activity):

Candida albicans, (ATCC 10231)

Trichophyton mentagrophytes. (ATCC 9533)

Mold/Mildew (Mildewstatic Activity) - controls (inhibits) the growth of mold and mildew: *Aspergillus niger* (ATCC 16404) (and the odors caused by them when applied to hard, non-porous environmental surfaces).

Malodor(s) (Activity) (Counteractancy) – eliminates (destroys) odors and odor-causing bacteria in restroom areas on hard, nonporous surfaces, behind and under sinks and counters, and storage areas (and other places where bacterial growth can cause malodors).

(Note to reviewer: We will choose one or more of these statements depending on available space on the product label.)

- *Respiratory illnesses attributable to Pandemic 2009 H1N1 are caused by Influenza A virus. (This product or product name) is a broad-spectrum hard surface disinfectant that has been shown to be effective against Influenza Type A/Michigan and Avian Influenza Type A/Michigan, 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 Type A/Michigan and Avian Influenza Type A/Michigan) 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.

EPA Reg. No. 70627-6

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