

70627-6

10/12/2010

1/14



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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WASHINGTON, D.C. 20460

OCT 12 2010

Kresti A. Lyddon,
JohnsonDiversey, Inc.
8310 16th Street, MS 707
Sturtevant, WI 53177-1964

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Subject: Phenolic Disinfectant HG
EPA Registration Number: 70627-6
Application Date: July 13, 2010
Receipt Date: July 14, 2010

Dear Ms. Lyddon:

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

Proposed Amendment

- Adding Pandemic 2009 H1N1 Influenza A Virus claims
- Updating the Container Disposal statements per PR Notice 2007-4.

General Comments

A stamped label is enclosed for your records. A stamped label with conditions is enclosed for your records. Submit three (3) copies of your final printed label before distributing or selling the product bearing the revised labeling.

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

Sincerely,

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

Enclosure: Stamped label

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

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



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%
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TOTAL:	100.0%
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KEEP OUT OF REACH OF CHILDREN DANGER

FIRST AID

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

IF ON SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

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.

IN CASE OF EMERGENCY, CALL A POISON CONTROL CENTER OR DOCTOR FOR TREATMENT ADVICE.

XXX-XXX-XXXX

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

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

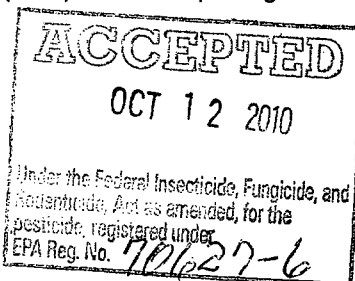
(NOTE: This product contains a chemical known to the State of California to cause cancer.)

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)



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July 13, 2010
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(Note to Agency: Text appearing in () entthesis 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 (Diversey) (~~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 (Diversey) (~~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, and 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, and 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:)

This product 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)

This product 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. This product (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.

This product 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:)

This product 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.

This product 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:)

This product 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.

This product 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.

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

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

This product 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).

This product 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:)

This product 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:)

This product 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. (This product's formula disinfects, cleans, and deodorizes in one labor-saving step.) This product is effective against the following (pathogenic organisms) on hard non-porous inanimate surfaces:

Bacteria (Bactericidal Activity):

<i>Pseudomonas aeruginosa</i> , (ATCC 15442)	<i>Escherichia coli</i> O157:H7, (ATCC 43888)	<i>Salmonella choleraesuis</i> , (ATCC 13076)
<i>Salmonella enterica</i> , (ATCC 10708)	<i>Haemophilus influenza</i> , (ATCC 10211)	formerly known as <i>Salmonella enteritidis</i>
<i>Staphylococcus aureus</i> , (ATCC 6538)	<i>Klebsiella oxytoca</i> , (ATCC 43863)	<i>Salmonella choleraesuis pullorum</i> , (ATCC 19945)
<i>Brevundimonas diminuta</i> , (ATCC 4335)	<i>Klebsiella pneumoniae</i> , (ATCC 13883)	<i>Salmonella typhi</i> , (ATCC 6539)
formerly known as <i>Pseudomonas diminuta</i>	<i>Leclercia adecarboxylata</i> , (ATCC 29916)	<i>Salmonella typhimurium</i> , (ATCC 14028)
<i>Bordetella bronchiseptica</i> , (ATCC 10580)	formerly known as <i>Enterobacter agglomerans</i>	<i>Serratia marcescens</i> , (ATCC 8100)
<i>Corynebacterium ammoniagenes</i> , (ATCC 6872)	<i>Listeria monocytogenes</i> , (ATCC 15313)	<i>Shigella dysenteriae</i> , (ATCC 13313)
formerly known as <i>Brevibacterium ammoniagenes</i>	<i>Micrococcus luteus</i> , (ATCC 4698)	<i>Shigella flexneri</i> , (ATCC 12022)
<i>Campylobacter fetus</i> , (ATCC 27374)	<i>Morganella morganii</i> , (ATCC 25830)	<i>Staphylococcus aureus</i> (Toxic Shock), (ATCC 33586)
<i>Chlamydia psittaci</i> , (VR-125)	<i>Neisseria gonorrhoeae</i> , (ATCC 43069)	<i>Staphylococcus epidermidis</i> , (ATCC 14990)
<i>Citrobacter freundii</i> , (ATCC 8090)	<i>Pasteurella multocida</i> , (ATCC 43137)	<i>Staphylococcus haemolyticus</i> , (ATCC 29970)
<i>Enterobacter aerogenes</i> , (ATCC 13048)	<i>Proteus mirabilis</i> , (ATCC 25933)	<i>Staphylococcus saprophyticus</i> , (ATCC 15305)
<i>Enterobacter cloacae</i> , (ATCC 23355)	<i>Proteus vulgaris</i> , (ATCC 13315)	<i>Streptococcus agalactiae</i> , (ATCC 13813)
<i>Enterococcus faecalis</i> , (ATCC 19433)	<i>Providencia rettgeri</i> , (Clinical isolate HL 92)	<i>Streptococcus pyogenes</i> , (ATCC 19615)
formerly known as <i>Streptococcus faecalis</i>	<i>Pseudomonas cepacia</i> , (ATCC 25609)	<i>Streptococcus pyogenes</i> , (Clinical isolate)
<i>Enterococcus hirae</i> , (ATCC 10541)	<i>Pseudomonas fluorescens</i> , (ATCC 13525)	(Strep A - Flesh Eating Strain)
<i>Escherichia coli</i> , (ATCC 11229)	<i>Salmonella choleraesuis</i> , (ATCC 10719)	<i>Vibrio cholera</i> , (ATCC 11623)
	formerly known as <i>Salmonella schottmuelleri</i>	<i>Yersinia enterocolitica</i> , (ATCC 23715)

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

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

<i>Enterococcus faecalis</i> (VRE), (ATCC 51299) Resistant to Vancomycin	<i>Staphylococcus aureus</i> , (ATCC 14154) Resistant to Erythromycin, Penicillin, Streptomycin, Tetracycline	<i>Staphylococcus epidermidis</i> (MRSE), (ATCC 51625), Resistant to Methicillin
<i>Enterococcus faecium</i> (VRE), (ATCC 51559) Resistant to Vancomycin, Ampicillin, Ciprofloxacin, Gentamicin, Rifampin, Teicoplanin	<i>Staphylococcus aureus</i> (MRSA/GRSA), (ATCC 33592), Resistant to Methicillin, Gentamicin	<i>Streptococcus pneumoniae</i> (PRSP), (ATCC 51915), Resistant to Penicillin
<i>Micrococcus sedentarius</i> , (ATCC 27573) Resistant to Methicillin, Penicillin	<i>Staphylococcus aureus</i> (VISA), (HIP 5836) Intermediate Resistance to Vancomycin	<i>Staphylococcus aureus</i> , (Clinical isolate HL 122)
<i>Enterobacter cloacae</i> , (Clinical isolate HL 129)	<i>Pseudomonas maltophilia</i> ; (Clinical isolate HL 131)	<i>Staphylococcus aureus</i> , (Clinical isolate HL 130)
<i>Enterococcus species</i> , (Clinical isolate HL 128)	<i>Staphylococcus aureus</i> , (Clinical isolate HL 121)	<i>Proteus mirabilis</i> , (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.

*Viruses (*Virucidal Activity):

*Adenovirus Type 2, (VR-2)	*Human Rhinovirus Type 38, (VR-511)	*Respiratory Syncytial virus, (VR-26)
*Herpes Simplex virus Type 1, (VR-733)	*Influenza virus Type A/Michigan	*Rotavirus, (Strain WA)
*Herpes Simplex virus Type 2, (CCL 26)	*Poliovirus Type 1, (VR-192)	*Rubella virus, (CCL 7)
*Human Coronavirus, (VR-740)	*Reovirus Type 3, (VR-232)	*Vaccinia virus, (VR-117)
*Veterinary viruses:		
*Avian Influenza virus, (Type A/Michigan)	*Feline leukemia virus, (VR-717)	*Infectious Bovine Rhinotracheitis virus, (VR-793)
*Canine parvovirus, (VR-2006)	*Feline picornavirus, (VR-649)	*Newcastle Disease virus, (VR-109)
	*Feline Rhinotracheitis virus, (VR-636)	*Transmissible Gastroenteritis virus (TGE), (Univ. of Minn.)

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

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.

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

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.)

This product 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 parenthesis or brackets is done to show optional text.)

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. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure.
7. Do not house animals or employ equipment until product has dried.
8. 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 parenthesis or brackets is done to show optional 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 must 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 $\frac{1}{4}$ 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 $\frac{1}{4}$ 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.

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

PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS AND DOMESTIC ANIMALS

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.

EPA Reg. No. 70627-6

EPA Est. No.

(Lot code letters indicate establishment number.)

(MSDS Ref. No.xxxxxxxxxx)

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



Phenolic Disinfectant HG REFERENCE SHEET

This product 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. (This product's formula disinfects, cleans, and deodorizes in one labor-saving step.) This product is effective against the following (pathogenic organisms) on hard non-porous inanimate surfaces:

Bacteria (Bactericidal Activity):

<i>Pseudomonas aeruginosa</i> , (ATCC 15442)	<i>Escherichia coli</i> O157:H7, (ATCC 43888)	<i>Salmonella choleraesuis</i> , (ATCC 13076)
<i>Salmonella enterica</i> , (ATCC 10708)	<i>Haemophilus influenza</i> , (ATCC 10211)	formerly known as <i>Salmonella enteritidis</i>
<i>Staphylococcus aureus</i> , (ATCC 6538)	<i>Klebsiella oxytoca</i> , (ATCC 43863)	<i>Salmonella choleraesuis pullorum</i> , (ATCC 19945)
<i>Brevundimonas diminuta</i> , (ATCC 4335)	<i>Klebsiella pneumoniae</i> , (ATCC 13883)	<i>Salmonella typhi</i> , (ATCC 6539)
formerly known as <i>Pseudomonas diminuta</i>	<i>Leclercia adecarboxylata</i> , (ATCC 29916)	<i>Salmonella typhimurium</i> , (ATCC 14028)
<i>Bordetella bronchiseptica</i> , (ATCC 10580)	formerly known as <i>Enterobacter agglomerans</i>	<i>Serratia marcescens</i> , (ATCC 8100)
<i>Corynebacterium ammoniagenes</i> , (ATCC 6872)	<i>Listeria monocytogenes</i> , (ATCC 15313)	<i>Shigella dysenteriae</i> , (ATCC 13313)
formerly known as <i>Brevibacterium ammoniagenes</i>	<i>Micrococcus luteus</i> , (ATCC 4698)	<i>Shigella flexneri</i> , (ATCC 12022)
<i>Campylobacter fetus</i> , (ATCC 27374)	<i>Morganella morganii</i> , (ATCC 25830)	<i>Staphylococcus aureus</i> (Toxic Shock), (ATCC 33586)
<i>Chlamydia psittaci</i> , (VR-125)	<i>Neisseria gonorrhoeae</i> , (ATCC 43069)	<i>Staphylococcus epidermidis</i> , (ATCC 14990)
<i>Citrobacter freundii</i> , (ATCC 8090)	<i>Pasteurella multocida</i> , (ATCC 43137)	<i>Staphylococcus haemolyticus</i> , (ATCC 29970)
<i>Enterobacter aerogenes</i> , (ATCC 13048)	<i>Proteus mirabilis</i> , (ATCC 25933)	<i>Staphylococcus saprophyticus</i> , (ATCC 15305)
<i>Enterobacter cloacae</i> , (ATCC 23355)	<i>Proteus vulgaris</i> , (ATCC 13315)	<i>Streptococcus agalactiae</i> , (ATCC 13813)
<i>Enterococcus faecalis</i> , (ATCC 19433)	<i>Providencia rettgeri</i> , (Clinical isolate HL 92)	<i>Streptococcus pyogenes</i> , (ATCC 19615)
formerly known as <i>Streptococcus faecalis</i>	<i>Pseudomonas cepacia</i> , (ATCC 25609)	<i>Streptococcus pyogenes</i> , (Clinical isolate)
<i>Enterococcus hirae</i> , (ATCC 10541)	<i>Pseudomonas fluorescens</i> , (ATCC 13525)	(Strep A - Flesh Eating Strain)
<i>Escherichia coli</i> , (ATCC 11229)	<i>Salmonella choleraesuis</i> , (ATCC 10719)	<i>Vibrio cholera</i> , (ATCC 11623)
	formerly known as <i>Salmonella schottmuelleri</i>	<i>Yersinia enterocolitica</i> , (ATCC 23715)

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

<i>Enterococcus faecalis</i> (VRE), (ATCC 51299) Resistant to Vancomycin	<i>Staphylococcus aureus</i> , (ATCC 14154) Resistant to Erythromycin, Penicillin, Streptomycin, Tetracycline	<i>Staphylococcus epidermidis</i> (MRSE), (ATCC 51625), Resistant to Methicillin
<i>Enterococcus faecium</i> (VRE), (ATCC 51559) Resistant to Vancomycin, Ampicillin, Ciprofloxacin, Gentamicin, Rifampin, Teicoplanin	<i>Staphylococcus aureus</i> (MRSA/GRSA), (ATCC 33592), Resistant to Methicillin, Gentamicin	<i>Streptococcus pneumoniae</i> (PRSP), (ATCC 51915), Resistant to Penicillin
<i>Micrococcus sedentarius</i> , (ATCC 27573) Resistant to Methicillin, Penicillin	<i>Staphylococcus aureus</i> (VISA), (HIP 5836) Intermediate Resistance to Vancomycin	<i>Staphylococcus aureus</i> , (Clinical isolate HL 122)
<i>Enterobacter cloacae</i> , (Clinical isolate HL 129)	<i>Pseudomonas maltophilia</i> , (Clinical isolate HL 131)	<i>Staphylococcus aureus</i> , (Clinical isolate HL 130)
<i>Enterococcus species</i> , (Clinical isolate HL 128)	<i>Staphylococcus aureus</i> , (Clinical isolate HL 121)	<i>Proteus mirabilis</i> , (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.)

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

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

*Human Rhinovirus Type 38, (VR-511)
 *Influenza virus 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 virus, (Type A/Michigan)
 *Canine parvovirus, (VR-2006)

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

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

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

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.

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