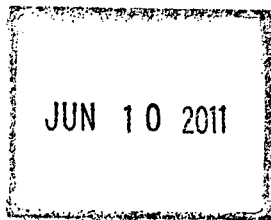


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



Kresti A. Lyddon  
Diversey, Inc.  
8310 16<sup>th</sup> Street, MS 707  
Sturtevant, WI 53177-1964

Subject: Johnson's Forward<sup>®</sup> Cleaner  
EPA Registration Number 70627-10  
Amendment Date: March 11, 2011  
EPA Receipt Date: March 14, 2011

Dear Ms. Lyddon:

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

- Correcting the Precautionary Statements text to be consistent with Chapter 7 of the label review manual.
- Adding the term "inanimate" as a second option where the word "environmental" has been used previously.
- Clarifying the optional MOU statement on the label, that is only required on labels including certain use patterns for Semi-Critical devices as defined by FDA.
- Adding the term "toilet" to clarify the word "rims" in the Instructions for use.
- Minor corrections to satisfy various state registration authorities.

**Conditions:**


- 1) Renumber the sequence of operations under the heading "For use in Treatment of Animal Housing Facilities" on page 14.
- 2) Delete the statement on page 5: "(Note to reviewer: This paragraph will be used only on labels that list semi-critical devices as defined by FDA:)". Replace with the following which provides clearer guidance as to when the language which follows is required: "*Note: This paragraph will be used on labels that list hospital items including wheelchairs, bed rails and linings, wash basins, and bedpans and any other non-critical or semi-critical instruments or devices.*"

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

**General Comments**

A stamped copy of the accepted labeling is enclosed. Should you have any questions concerning this letter, please contact Emilia Oiguenblik at (703) 347- 0199 or Velma Noble at (703) 308-6233.

Sincerely,



for Velma Noble  
Product Manager (31)  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

**CONCURRENCES**

SYMBOL								
SURNAME								
DATE								

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



### JOHNSON'S FORWARD® CLEANER (GENERAL PURPOSE) DISINFECTANT CLEANER

Bactericidal • Fungicidal • Deodorizing (Odor Counteractant) • \*Virucidal

Disinfects in up to 500 ppm hard water and 10% serum load • Non-Acid Bowl (Cleaner) (Disinfectant) • Non-Acid Bathroom (Cleaner) (Disinfectant) • Non-Acid Shower Room (Cleaner) (Degreaser) (Disinfectant) • (Cleans the dirt and leaves the shine.) • (Cleans (and Deodorizes) in One Step) • (Leaves Toilet Bowls Sparkling Clean) • (Leaves the Bathroom Sparkling Clean) • (Cleans without Harmful Acid Fumes) • (Disinfects as it Cleans) • (Contains no abrasives (Non-Abrasive))

(Fragrance Free Formula), (Unscented),  
(Fresh) [Lemon] [Pine] [Mint] [Spring Fresh] [Floral] [Citrus] [Powder] (Scent) (Fragrance))

For (Hospital,) (Foodservice,) (Commercial,) (Industrial) & (Institutional) Use ~~(Only)~~

<b>ACTIVE INGREDIENT:</b>	
n-Alkyl (50% C <sub>14</sub> , 40% C <sub>12</sub> , 10% C <sub>16</sub> ) dimethyl benzyl ammonium chloride .....	1.60%
<b>INERT (OTHER) INGREDIENTS:</b> .....	98.40%
<b>TOTAL:</b> .....	100.00%

### 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 OR CLOTHING:** 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.

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

**(Insert emergency number here)**

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

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

#### Net Contents:

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

JUN 10 2011

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No 70627-10

(Note to Agency: Text appearing in parenthesis 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™ (the BIG BUDDY™ [ACCUTAINER™] System). This product 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) (JohnsonDiversey) (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) (JohnsonDiversey) (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 (Reduces) 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. Provides accuracy. No chemical connections, sealed bottle. Proven dilution control concentrate.

**(General Uses)**

This product cleans quickly by removing dirt, grime, body oils and other common soils. This product is for use 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) (inanimate) 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, toilets, urinals, sinks, shower rooms and locker rooms areas - food and non-food contact surfaces where disinfection is required. A potable water rinse is required for food contact surfaces. Do not use on glasses, dishes, and utensils.

**(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) (inanimate) surfaces. This product 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). 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) (inanimate) 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) (inanimate) surfaces: vinyl, painted surfaces, plastic (surfaces), glazed ceramic, glazed porcelain, chrome, stainless steel, laminated surfaces and baked enamel surfaces associated with floors, walls, ceilings, tables, chairs, countertops, telephones, fixtures, glazed tile, toilets, urinals, sinks found in (health care facilities [hospitals],) patient 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] - any washable (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.

(Note to Agency: Text appearing in parenthesis 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) (inanimate) 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, toilets, (toilet bowls), urinals, sinks found in food establishments, (restaurants), (commercial kitchens) & restrooms. A potable water rinse is required for 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) (inanimate) 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 (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 hard, non-porous (environmental) (inanimate) surfaces.

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

**(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 toilet bowls, urinals, toilet bowl 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) (inanimate)] restroom surfaces): glazed ceramic (restroom) tile, glazed porcelain, chrome, stainless steel and plastic surfaces associated with floors, walls, fixtures, toilets, 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.

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

**(CLAIMS:)**

When used as directed at a 1:32 dilution (4 oz. per gallon of water), this product is highly effective against a wide variety (broad-spectrum) of pathogenic microorganisms (including bacteria, antibiotic resistant bacteria, viruses and fungi). (See reference sheet (enclosed in each case) for a complete list of organisms.) Using approved AOAC test methods (under Good Laboratory Practices, [GLP's]), in the presence of 500 ppm hard water, 10% serum load and 10 minutes contact time this product kills the following on hard non-porous inanimate surfaces:

**Bacteria (Bactericidal Activity)**

*Pseudomonas aeruginosa*, (ATCC 15442)  
*Staphylococcus aureus*, (ATCC 6538)  
*Salmonella enterica*, (ATCC 10708)  
    formerly know as *Salmonella choleraesuis*  
*Bordetella bronchiseptica*, (ATCC 10580)  
*Burkholderia cepacia*, (ATCC 25416),  
    formerly known as *Pseudomonas cepacia*  
*Campylobacter fetus*, (ATCC 27374)  
*Chlamydia psittaci*, (VR-125)  
*Citrobacter freundii*, (ATCC 8090)  
*Enterobacter aerogenes*, (ATCC 13048)  
*Enterobacter agglomerans*, (ATCC 27155)  
*Enterobacter cloacae*, (ATCC 23355)  
*Enterobacter gergoviae*, (ATCC 33028)  
*Enterobacter liquefaciens*, (ATCC 14460)  
*Enterococcus faecalis*, (ATCC 19433)  
*Enterococcus hirae*, (ATCC 10541)  
*Escherichia coli (E. coli)*, (ATCC 11229)  
*Escherichia coli (E. coli) O157:H7*, (ATCC 43890)  
*Flavobacterium meningosepticum*, (ATCC 13253)  
*Hafnia alvei*, (ATCC 13337)

*Klebsiella oxytoca*, (ATCC 13182)  
*Klebsiella pneumoniae*, (ATCC 13883)  
*Legionella pneumophila*, (ATCC 33153)  
*Listeria monocytogenes*, (ATCC 15313)  
*Micrococcus luteus*, (ATCC 4698)  
*Micrococcus luteus*, (ATCC 14452)  
*Micrococcus sedentarius*, (ATCC 27573)  
*Morganella morganii*, (ATCC 25830)  
*Neisseria gonorrhoeae*, (ATCC 43069)  
*Pasteurella multocida*, (ATCC 43137)  
*Proteus mirabilis*, (ATCC 9240)  
*Proteus vulgaris*, (ATCC 13315)  
*Pseudomonas diminuta*, (ATCC 11568)  
*Pseudomonas fluorescens*, (ATCC 13525)  
*Pseudomonas putida*, (ATCC 12633)  
*Pseudomonas stutzeri*, (ATCC 17588)  
*Salmonella enteritidis*, (ATCC 13076)  
*Salmonella gallinarum*, (ATCC 9184)  
*Salmonella schottmuelleri*, (ATCC 10719)  
*Salmonella typhi*, (ATCC 6539)

*Salmonella typhimurium*, (ATCC 13311)  
*Serratia grimesii*, (ATCC 14460)  
*Serratia marcescens*, (ATCC 9103)  
*Shigella dysenteriae*, (ATCC 29026)  
*Shigella flexneri*, (ATCC 25875)  
*Shigella sonnei*, (ATCC 25931)  
*Staphylococcus aureus*, (ATCC 25923)  
*Staphylococcus aureus* (Toxic Shock),  
    (ATCC 33586)  
*Staphylococcus epidermidis*, (ATCC 14990)  
*Staphylococcus haemolyticus*, (ATCC 29970)  
*Staphylococcus saprophyticus*, (ATCC 15305)  
*Staphylococcus species*, (ATCC 12715)  
*Streptococcus agalactiae*, (ATCC 13813)  
*Streptococcus mutans*, (ATCC 25175)  
*Streptococcus pyogenes*, (ATCC 19615)  
*Streptococcus pyogenes* ("Strep A" -  
    Flesh Eating Strain), (clinical isolate)  
*Vibrio cholera*, (ATCC 11623)  
*Yersinia enterocolitica*, (ATCC 9610)

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

*E. coli*, (ATCC 55244);  
    (resistant to Kanamycin)  
  
*E. coli*, (ATCC 47041);  
    (resistant to Tetracycline)  
  
*Enterococcus faecalis*, (ATCC 51299);  
    (resistant to Vancomycin [VRE])

*Klebsiella oxytoca*, (ATCC 15764);  
    (resistant to Ampicillin,  
    Dihydrostreptomycin)  
  
*Micrococcus sedentarius*, (ATCC 27573)  
    (resistant to Methicillin)  
  
*Staphylococcus aureus*, (ATCC 14154);  
    (resistant to Erythromycin, Penicillin,  
    Streptomycin, Tetracycline)

*Staphylococcus aureus*, (ATCC 33592);  
    (resistant to Methicillin [MRSA],  
    Gentamicin [GRSA])  
  
*Streptococcus pneumoniae*, (ATCC 51915)  
    resistant to Penicillin [PRSP]

**\*Viruses (\*Virucidal Activity)**

\*Cytomegalovirus, (VR-538)  
\*Herpes Simplex virus Type 1, (VR-733)

\*Herpes Simplex virus Type 2, (VR-734)  
\*Human Coronavirus, (VR-740)  
\*Influenza virus Type A<sub>2</sub> (Hong Kong),  
    (VR-544)

\*Parainfluenza virus Type 3, (VR-93)  
\*Respiratory syncytial virus, (VR-26)  
\*Vaccinia virus (Smallpox Vaccine Virus),  
    (VR-119)

Kills HIV-1 (Human Immunodeficiency Virus Type 1) (AIDS virus)/(HTLV-III<sub>B</sub>) when used as directed on hard non-porous inanimate surfaces with a 1 minute contact time.

**(\*Veterinary viruses:)**

\*Avian Infectious bronchitis virus (IBV), (VR-22)

\*Avian Influenza virus, (VR-2072)

\*Transmissible gastroenteritis virus (TGE),  
    (U of Minn. Strain)

**Fungi/Yeast (Fungicidal and Yeast Activity)**

*Geotrichum candidum*, (ATCC 18301)

*Trichophyton mentagrophytes* (athlete's foot  
    fungus), (ATCC 9533)

*Zygosaccharomyces bailii*, (ATCC 56075)

**Bactericidal Stability of Use-Solution** - Tests show this product, when diluted in 400 ppm hard water in the presence of 10% serum, remains effective against *Pseudomonas aeruginosa*, *Staphylococcus aureus* and *Salmonella enterica* for up to 30 days in storage as long as it remains sealed. If the product becomes visibly dirty or contaminated, the use-solution must be discarded and fresh product prepared. Always use clean, dry containers when diluting this product.

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

When used as directed at a 1:43 dilution (3 oz. per gallon of water) in the presence of 200 ppm hard water, 10% serum load, this product kills HIV-1 (AIDS virus)(HTLV-III<sub>B</sub>) in 1 minute on hard non-porous inanimate surfaces.

When used as directed at a 1:43 dilution (3 oz. per gallon of water) in the presence of 200 ppm hard water, 10% serum load, this product kills *Trichophyton mentagrophytes* (athlete's foot fungus)(ATCC 9533) in 10 minutes when applied to areas as: shower and locker room floors, benches, and floor mats and other hard, non-porous (environmental) (inanimate) surfaces where *Trichophyton mentagrophytes*, (athlete's foot fungus) may be found.

**Malodor(s) (Activity) (Counteractancy)** – eliminates (destroys) odors and odor-causing bacteria on hard, non-porous 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 virus Type A<sub>2</sub> (Hong Kong), and Avian Influenza virus, and is expected to inactivate all Influenza A viruses including Pandemic 2009 H1N1 (formerly called swine flu).
- \*This product has demonstrated effectiveness against Influenza A virus and is expected to inactivate all influenza A viruses including Pandemic 2009 H1N1 Influenza A virus.
- \*This product has demonstrated effectiveness against (Influenza virus Type A<sub>2</sub> (Hong Kong), and Avian Influenza virus) and is expected to inactivate all Influenza A viruses including Pandemic 2009 H1N1 (formerly called swine flu).
- \*Kills Pandemic 2009 H1N1 Influenza A virus (formerly called swine flu).
- \*Kills Pandemic 2009 H1N1 Influenza A virus.

**DIRECTIONS FOR USE:**

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

*(Note to reviewer: This paragraph will be used only on labels that list semi-critical devices as defined by FDA.)*  
(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) trigger sprayer, auto-scrubber or foam gun (device). Change cloth, sponges or towels frequently to avoid redeposition of soil. For disinfection, all surfaces must remain wet for 10 minutes.

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

**For 1:32 Dilution**

**To Prepare Use Solution:** Add the product at 4 oz. per gallon of water (1:32).

*(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 4 oz. per gallon of water (1:32).

**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 1:32 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 1:32 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 1:32 solution into a bottle (bucket) (or other container). See device instruction manual for more information.

**For Use as a (One-Step) Cleaner/Disinfectant:**

1. Pre-clean heavily soiled areas.
2. Apply Use Solution to hard, non-porous (environmental) (inanimate) surfaces.
3. All surfaces must remain wet for ten (10) minutes.
4. Wipe surfaces (and let air dry).

Note - Rinsing is not necessary unless floors are to be coated with finish or restorer. All food contact surfaces such as appliances and kitchen countertops must be rinsed with potable water. Do not use on glassware, utensils, or dishes.

For food processing plants/federally inspected meat and poultry establishments: Before using this product, food products and packaging materials must be removed from the room or carefully protected. After use, all surfaces in the area must be thoroughly rinsed with potable water.

**To Kill Fungi:**

Pre-clean heavily soiled areas. Apply Use Solution to hard, non-porous (environmental) (inanimate) surfaces. Allow surface to remain wet for ten (10) minutes. Wipe surfaces (and let air dry).



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

**For Use as a Non-Acid Bowl Cleaner/Disinfectant in Toilet Bowls from Concentrate:**

1. Pre-clean heavily soiled areas.
2. Pour 4 oz. of product (1 packet) into toilet bowl.
3. Swab entire surface area especially under the rim.
4. Allow entire surface to remain wet for ten (10) minutes.
5. Flush toilet and rinse swab applicator thoroughly.

**For Use as a Non-Acid Bowl Cleaner/Disinfectant in Toilet Bowls [and Urinals] from Use-Dilution:**

1. Pre-clean heavily soiled areas.
2. Empty toilet bowls by forcing water through the trap. Apply Use Solution to exposed surfaces in toilet bowls and urinals.
3. Swab entire surface area especially under the rim.
4. Allow entire surface to remain wet for ten (10) minutes.
5. Flush toilet or urinal and rinse swab applicator thoroughly.

**For Use To Clean and Disinfect Shower Rooms, Locker Rooms and Other Large, Open Areas with Floor Drains:**

1. Pre-clean heavily soiled areas.
2. Apply Use Solution to floors, walls and ceilings making sure not to over spray. To disinfect, all surfaces must remain wet for ten (10) minutes.
3. *Special instructions for foam guns: Pour concentrate into foam gun bottle and attach bottle to spray nozzle and ensure gun is attached to hose. Note: See foam gun instructions for more information. Make sure setting is set for a 1:32 dilution. Once in place, squeeze the handle to dispense foam solution. To disinfect, all surfaces must remain wet for ten (10) minutes.*
4. Scrub using a deck brush or other coarse material as necessary.
5. Rinse surfaces thoroughly and let air dry.

**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 all troughs, racks and other feeding and watering appliances.
4. Thoroughly clean all surfaces with soap and rinse with water.
5. Apply fresh use solution to floors, walls, cages and other washable hard, non-porous (environmental) (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. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until product has dried.
8. For 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 is done to show optional text.)

**For 1:43 Dilution**

**To Prepare Use Solution:** Add the product at 3 oz. per gallon of water (1:43).

*(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 3 oz. per gallon of water (1:43).

**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 1:43 solution into a bucket, bottle, scrubber or other container.

**To Kill Fungi:**

Pre-clean heavily soiled areas. Apply Use Solution to hard, non-porous (environmental) (inanimate) surfaces. Allow surface to remain wet for ten (10) minutes. Wipe surfaces (and let air dry).

**\* This Product Kills HIV-1 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 Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS).

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 ON 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 HIV-1 and for 10 minutes to kill all other organisms cited on the label.

**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.

**Light Duty Cleaning:** For cleaning of most soils on most surfaces: Use a 1:128 dilution (1 oz. per gallon of water). Apply to surfaces. Wipe surfaces (and let air dry).

**Normal Cleaning:** Use a 1:43 dilution (3 oz. per gallon of water). Apply to surfaces. Wipe surfaces (and let air dry).

**Heavy Duty Cleaning:** Use up to a 1:32 dilution (4 oz. per gallon of water). Apply to surfaces. Wipe surfaces (and let air dry).

**For Use as a Deodorizer:** Apply Use Solution to surfaces to hard, non-porous surfaces. Wipe surfaces (and let air dry).

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

**STORAGE AND DISPOSAL**

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

**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.

**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. 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. 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

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

Nonrefillable 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 of 5 gallons or more)*

Do not discharge effluent containing this product into lakes, streams, ponds, 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.

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER: Corrosive.** Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or clothing. Wear chemical splash-proof goggles or face shield, chemical resistant gloves and protective clothing. Harmful if absorbed through skin or swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

EPA Reg. No. 70627-10  
EPA Est. No.  
(Lot code letters indicate establishment number.)

MSDS No. XXXXXXXX  
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(Note to Agency: Text appearing in parenthesis is done to show optional text.)



### JOHNSON'S FORWARD® CLEANER REFERENCE SHEET

When used as directed at a 1:32 dilution (4 oz. per gallon of water), this product is highly effective against a wide variety (broad-spectrum) of pathogenic microorganisms (including bacteria, antibiotic resistant bacteria, viruses and fungi). (See reference sheet (enclosed in each case) for a complete list of organisms.) Using approved AOAC test methods (under Good Laboratory Practices, [GLP's]), in the presence of 500 ppm hard water, 10% serum load and 10 minutes contact time this product kills the following on hard non-porous inanimate surfaces:

#### Bacteria (Bactericidal Activity)

- Pseudomonas aeruginosa*, (ATCC 15442)
- Staphylococcus aureus*, (ATCC 6538)
- Salmonella enterica*, (ATCC 10708)  
formerly know as *Salmonella choleraesuis*
- Bordetella bronchiseptica*, (ATCC 10580)
- Burkholderia cepacia*, (ATCC 25416),  
formerly known as *Pseudomonas cepacia*
- Campylobacter fetus*, (ATCC 27374)
- Chlamydia psittaci*, (VR-125)
- Citrobacter freundii*, (ATCC 8090)
- Enterobacter aerogenes*, (ATCC 13048)
- Enterobacter agglomerans*, (ATCC 27155)
- Enterobacter cloacae*, (ATCC 23355)
- Enterobacter gergoviae*, (ATCC 33028)
- Enterobacter liquefaciens*, (ATCC 14460)
- Enterococcus faecalis*, (ATCC 19433)
- Enterococcus hirae*, (ATCC 10541)
- Escherichia coli (E. coli)*, (ATCC 11229)
- Escherichia coli (E. coli) O157:H7*, (ATCC 43890)
- Flavobacterium meningosepticum*, (ATCC 13253)
- Hafnia alvei*, (ATCC 13337)

- Klebsiella oxytoca*, (ATCC 13182)
- Klebsiella pneumoniae*, (ATCC 13883)
- Legionella pneumophila*, (ATCC 33153)
- Listeria monocytogenes*, (ATCC 15313)
- Micrococcus luteus*, (ATCC 4698)
- Micrococcus luteus*, (ATCC 14452)
- Micrococcus sedentarius*, (ATCC 27573)
- Morganella morganii*, (ATCC 25830)
- Neisseria gonorrhoeae*, (ATCC 43069)
- Pasteurella multocida*, (ATCC 43137)
- Proteus mirabilis*, (ATCC 9240)
- Proteus vulgaris*, (ATCC 13315)
- Pseudomonas diminuta*, (ATCC 11568)
- Pseudomonas fluorescens*, (ATCC 13525)
- Pseudomonas putida*, (ATCC 12633)
- Pseudomonas stutzeri*, (ATCC 17588)
- Salmonella enteritidis*, (ATCC 13076)
- Salmonella gallinarum*, (ATCC 9184)
- Salmonella schottmuelleri*, (ATCC 10719)
- Salmonella typhi*, (ATCC 6539)

- Salmonella typhimurium*, (ATCC 13311)
- Serratia grimesii*, (ATCC 14460)
- Serratia marcescens*, (ATCC 9103)
- Shigella dysenteriae*, (ATCC 29026)
- Shigella flexneri*, (ATCC 25875)
- Shigella sonnei*, (ATCC 25931)
- Staphylococcus aureus*, (ATCC 25923)
- Staphylococcus aureus (Toxic Shock)*, (ATCC 33586)
- Staphylococcus epidermidis*, (ATCC 14990)
- Staphylococcus haemolyticus*, (ATCC 29970)
- Staphylococcus saprophyticus*, (ATCC 15305)
- Staphylococcus species*, (ATCC 12715)
- Streptococcus agalactiae*, (ATCC 13813)
- Streptococcus mutans*, (ATCC 25175)
- Streptococcus pyogenes*, (ATCC 19615)
- Streptococcus pyogenes ("Strep A" - Flesh Eating Strain)*, (clinical isolate)
- Vibrio cholera*, (ATCC 11623)
- Yersinia enterocolitica*, (ATCC 9610)

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

- E. coli*, (ATCC 55244);  
(resistant to Kanamycin)
- E. coli*, (ATCC 47041);  
(resistant to Tetracycline)
- Enterococcus faecalis*, (ATCC 51299);  
(resistant to Vancomycin [VRE])

- Klebsiella oxytoca*, (ATCC 15764);  
(resistant to Ampicillin,  
Dihydrostreptomycin)
- Micrococcus sedentarius*, (ATCC 27573)  
(resistant to Methicillin)
- Staphylococcus aureus*, (ATCC 14154);  
(resistant to Erythromycin, Penicillin,  
Streptomycin, Tetracycline)

- Staphylococcus aureus*, (ATCC 33592);  
(resistant to Methicillin [MRSA],  
Gentamicin [GRSA])
- Streptococcus pneumoniae*, (ATCC 51915)  
resistant to Penicillin [PRSP]

#### \*Viruses (\*Virucidal Activity)

- \*Cytomegalovirus, (VR-538)
- \*Herpes Simplex virus Type 1, (VR-733)

- \*Herpes Simplex virus Type 2, (VR-734)
- \*Human Coronavirus, (VR-740)
- \*Influenza virus Type A<sub>2</sub> (Hong Kong),  
(VR-544)

- \*Parainfluenza virus Type 3, (VR-93)
- \*Respiratory syncytial virus, (VR-26)
- \*Vaccinia virus (Smallpox Vaccine Virus),  
(VR-119)

Kills HIV-1 (Human Immunodeficiency Virus Type 1) (AIDS virus)(HTLV-III<sub>B</sub>) when used as directed on hard non-porous inanimate surfaces with a 1 minute contact time.

#### (\*Veterinary viruses:)

- \*Avian Infectious bronchitis virus (IBV), (VR-22)

- \*Avian Influenza virus, (VR-2072)

- \*Transmissible gastroenteritis virus (TGE),  
(U of Minn. Strain)

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

**Fungi/Yeast (Fungicidal and Yeast Activity)**

*Geotrichum candidum*, (ATCC 18301)

*Trichophyton mentagrophytes* (athlete's foot fungus), (ATCC 9533)

*Zygosaccharomyces bailii*, (ATCC 56075)

**Bactericidal Stability of Use-Solution** - Tests show this product, when diluted in 400 ppm hard water in the presence of 10% serum, remains effective against *Pseudomonas aeruginosa*, *Staphylococcus aureus* and *Salmonella enterica* for up to 30 days in storage as long as it remains sealed. If the product becomes visibly dirty or contaminated, the use-solution must be discarded and fresh product prepared. Always use clean, dry containers when diluting this product.

When used as directed at a 1:43 dilution (3 oz. per gallon of water) in the presence of 200 ppm hard water, 10% serum load, this product kills HIV-1 (AIDS virus)(HTLV-III<sub>B</sub>) in 1 minute on hard non-porous inanimate surfaces.

When used as directed at a 1:43 dilution (3 oz. per gallon of water) in the presence of 200 ppm hard water, 10% serum load, this product kills *Trichophyton mentagrophytes* (athlete's foot fungus)(ATCC 9533) in 10 minutes when applied to areas as: shower and locker room floors, benches, and floor mats and other hard, non-porous (environmental) (inanimate) surfaces where *Trichophyton mentagrophytes*, (athlete's foot fungus) may be found.

**Malodor(s) (Activity) (Counteractancy)** – eliminates (destroys) odors and odor-causing bacteria on hard, non-porous 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 virus Type A<sub>2</sub> (Hong Kong), and Avian Influenza virus, and is expected to inactivate all Influenza A viruses including Pandemic 2009 H1N1 (formerly called swine flu).
- \*This product has demonstrated effectiveness against Influenza A virus and is expected to inactivate all influenza A viruses including Pandemic 2009 H1N1 Influenza A virus.
- \*This product has demonstrated effectiveness against (Influenza virus Type A<sub>2</sub> (Hong Kong), and Avian Influenza virus) and is expected to inactivate all Influenza A viruses including Pandemic 2009 H1N1 (formerly called swine flu).
- \*Kills Pandemic 2009 H1N1 Influenza A virus (formerly called swine flu).
- \*Kills Pandemic 2009 H1N1 Influenza A virus.

**DIRECTIONS FOR USE:**

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

(Note to reviewer: This paragraph will be used only on labels that list semi-critical devices as defined by FDA.)

(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) trigger sprayer, auto-scrubber or foam gun (device). Change cloth, sponges or towels frequently to avoid redeposition of soil. For disinfection, all surfaces must remain wet for 10 minutes.

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

**For 1:32 Dilution**

**To Prepare Use Solution:** Add the product at 4 oz. per gallon of water (1:32).

*(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 4 oz. per gallon of water (1:32).

**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 1:32 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 1:32 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 1:32 solution into a bottle (bucket) (or other container). See device instruction manual for more information.

**For Use as a (One-Step) Cleaner/Disinfectant:**

1. Pre-clean heavily soiled areas.
2. Apply Use Solution to hard, non-porous (environmental) (inanimate) surfaces.
4. All surfaces must remain wet for ten (10) minutes.
4. Wipe surfaces (and let air dry).

Note - Rinsing is not necessary unless floors are to be coated with finish or restorer. All food contact surfaces such as appliances and kitchen countertops must be rinsed with potable water. Do not use on glassware, utensils, or dishes.

For food processing plants/federally inspected meat and poultry establishments: Before using this product, food products and packaging materials must be removed from the room or carefully protected. After use, all surfaces in the area must be thoroughly rinsed with potable water.

**To Kill Fungi:**

Pre-clean heavily soiled areas. Apply Use Solution to hard, non-porous (environmental) (inanimate) surfaces. Allow surface to remain wet for ten (10) minutes. Wipe surfaces (and let air dry).

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

**For Use as a Non-Acid Bowl Cleaner/Disinfectant in Toilet Bowls from Concentrate:**

- 1. Pre-clean heavily soiled areas.
- 2. Pour 4 oz. of product (1 packet) into toilet bowl.
- 3. Swab entire surface area especially under the rim.
- 6. Allow entire surface to remain wet for ten (10) minutes.
- 7. Flush toilet and rinse swab applicator thoroughly.

**For Use as a Non-Acid Bowl Cleaner/Disinfectant in Toilet Bowls [and Urinals] from Use-Dilution:**

- 5. Pre-clean heavily soiled areas.
- 6. Empty toilet bowls by forcing water through the trap. Apply Use Solution to exposed surfaces in toilet bowls and urinals.
- 7. Swab entire surface area especially under the rim.
- 8. Allow entire surface to remain wet for ten (10) minutes.
- 5. Flush toilet or urinal and rinse swab applicator thoroughly.

**For Use To Clean and Disinfect Shower Rooms, Locker Rooms and Other Large, Open Areas with Floor Drains:**

- 6. Pre-clean heavily soiled areas.
- 7. Apply Use Solution to floors, walls and ceilings making sure not to over spray. To disinfect, all surfaces must remain wet for ten (10) minutes.
- 8. *Special instructions for foam guns: Pour concentrate into foam gun bottle and attach bottle to spray nozzle and ensure gun is attached to hose. Note: See foam gun instructions for more information. Make sure setting is set for a 1:32 dilution. Once in place, squeeze the handle to dispense foam solution. To disinfect, all surfaces must remain wet for ten (10) minutes.*
- 9. Scrub using a deck brush or other coarse material as necessary.
- 10. Rinse surfaces thoroughly and let air dry.

**For Use In Treatment of Animal Housing Facilities:**

- 9. Remove all animals and feed from areas being treated.
- 10. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes, and other facilities occupied or traversed by animals.
- 11. Empty all troughs, racks and other feeding and watering appliances.
- 12. Thoroughly clean all surfaces with soap and rinse with water.
- 13. Apply fresh use solution to floors, walls, cages and other washable hard, non-porous (environmental) (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.
- 14. 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.
- 15. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until product has dried.
- 16. For 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.



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

**For 1:43 Dilution**

**To Prepare Use Solution:** Add the product at 3 oz. per gallon of water (1:43).

*(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 3 oz. per gallon of water (1:43).

**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 1:43 solution into a bucket, bottle, scrubber or other container.

**To Kill Fungi:**

Pre-clean heavily soiled areas. Apply Use Solution to hard, non-porous (environmental) (inanimate) surfaces. Allow surface to remain wet for ten (10) minutes. Wipe surfaces (and let air dry).

**\* This Product Kills HIV-1 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 Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS).

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 ON 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 HIV-1 and for 10 minutes to kill all other organisms cited on the label.

**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.

**Light Duty Cleaning:** For cleaning of most soils on most surfaces: Use a 1:128 dilution (1 oz. per gallon of water). Apply to surfaces. Wipe surfaces (and let air dry).

**Normal Cleaning:** Use a 1:43 dilution (3 oz. per gallon of water). Apply to surfaces. Wipe surfaces (and let air dry).

**Heavy Duty Cleaning:** Use up to a 1:32 dilution (4 oz. per gallon of water). Apply to surfaces. Wipe surfaces (and let air dry).

**For Use as a Deodorizer:** Apply Use Solution to surfaces to hard, non-porous surfaces. Wipe surfaces (and let air dry).

See container label for First Aid, Precautionary Statements and complete Directions for Use.

EPA Reg. No.70627-10

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