



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

February 1, 2017

Rebecca L. Mannion  
Senior Registration Specialist  
Diversey, Inc.  
P.O. Box 19747  
Charlotte, NC 28219-0747

Subject: PRIA Label Amendment – Add efficacy claims  
Product Name: Virex II/256  
EPA Registration Number: 70627-24  
Application Date: September 13, 2016  
Decision Number: 521471

Dear Ms. Mannion:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance

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with FIFRA section 6. If you have any questions, you may contact Joe Daniels at (703) 347-8669 or via email at [daniels.joseph@epa.gov](mailto:daniels.joseph@epa.gov).

Sincerely,

A handwritten signature in blue ink that reads "E. Miederhoff".

Eric Miederhoff  
Product Manager 31  
Regulatory Management Branch I  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

Enclosure

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

**ACCEPTED**  
02/01/2017  
Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 70627-24

**VIREX™ II / 256**  
**(One-Step Disinfectant Cleaner and Deodorant)**

- (Bactericidal) • (\*Virucidal) • (Fungicidal) • (Mildewcidal) • (Mildewstatic) • (Deodorizer) (Odor Counteractant) (Odor Neutralizer)
- (Non-Dulling To Floors (Floor Finishes)) • (Concentrate) • (Ready-to-Dispense (RTD))

(Fragrance Free Formula) (Unscented)  
(Meets OSHA Bloodborne Pathogen Standard for \*HBV & \*HIV)

(For (Hospital,) (Foodservice,) (Industrial) (&) Institutional Use)  
((Suitable) For Use in Meat and Poultry Plants)

**ACTIVE INGREDIENTS:**

Didecyl dimethyl ammonium chloride .....	8.704%
n-Alkyl (50% C <sub>14</sub> , 40% C <sub>12</sub> , 10% C <sub>16</sub> ) dimethyl benzyl ammonium chloride .....	8.190%

**OTHER INGREDIENTS:**..... 83.106%

**TOTAL:** ..... 100.000%

**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.

**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.**

**1-XXX-XXX-XXXX (Note to Reviewer: Working Emergency Number Will be Printed 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 gastric lavage.  
(After product is diluted, no first aid statements are required.)

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

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

**Net Contents:**

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

**(DISPENSER STATEMENTS):**

*(Note to Reviewer - This text will only appear on the appropriate container.)*

**ACCUMIX™ CONTAINERS DISPENSING SYSTEM** (1 qt. container) - ACCUMIX™. (Remove [Loosen] cap). Squeeze. (Squeeze bottle.) Measure. (Measure amount). Pour. (Pour contents). ((Designed) For use with 5 gallon (ACCUTAINER™) System). This product can also be diluted into pre-cleaned and properly labeled 5 gallon (ACCUTAINERS™) (Dispensing Containers) for dispensing as needed.

**J-FILL™ DISPENSING SYSTEM** (2.5 L containers) - For use with (Diversey) (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** (1.5 L & 5 L containers) - RTD. Very Simple. Very Smart. Ready-To-Dispense. Provides accuracy. No chemical connections, sealed bottle. Proven dilution control concentrate.

**COMMAND CENTER™ DISPENSING SYSTEM** (1.5 gal. containers) - For use with (Diversey) (COMMAND CENTER™) Brand Dispensing Equipment. Eliminates Mixing. The Accurate Solution to Cleaner Dilution. ((COMMAND CENTER™) (This) packaging offers) Reduced Exposure to Concentrate Due to Closed Transfer System.

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

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

**(MARKETING CLAIMS & USES:)**

(Note to Reviewer: The following statements may be used partially or in their entirety as appropriate to make a complete sentence or statement.)

This product is a one-step (hospital-use) germicidal (disinfectant) cleaner and deodorant (odor-counteractant) (odor neutralizer) designed for general cleaning, disinfecting, deodorizing, and killing (controlling) mold and mildew on hard, non-porous environmental surfaces. This product (It) is a (concentrated) (bowl and) (bathroom) (restroom) cleaner which cleans, disinfects and deodorizes in one easy step (by killing odor-causing microorganisms). This product (It) cleans, disinfects and deodorizes (hard, non-porous environmental hospital (medical) surfaces) in one step (with no rinsing required)). It (also) eliminates odors leaving (restroom) (bathrooms) surfaces smelling clean and fresh. Use where odors are a problem. It cleans quickly by removing dirt, grime, mold, mildew, fecal matter, food residue, food soils, body oils, dead skin, blood and other organic matter commonly found in:

*(Medical Facilities:)*

hospitals, nursing homes, (acute) (and) (long-term) (assisted living) care facilities, ICU areas, medical (dental) offices, operating rooms, patient rooms,

*(General Indoor Institutional Use Sites:)*

airports, athletic facilities, barber/beauty (salons) (shops), bus (depots) (stations), casinos, commercial buildings, correctional facilities, cruise ships, day care centers, funeral homes, gyms, health clubs, hotels, industrial buildings, locker rooms (areas), motels, office buildings, playgrounds, public areas, restrooms, retail facilities, schools and colleges (universities), shower rooms, train (depots) (stations), transportation facilities,

*(Animal Facilities:)*

animal housing facilities, animal life science laboratories, equine(, dairy)(, or poultry) (barns) (farms), grooming facilities, hatcheries, kennels, livestock(, swine)(,or poultry) facilities, pet shops (stores), veterinary clinics, or other small animal facilities,

*(Food Processing – rinse required:)*

foodservice establishments (restaurants), beverage (brewing) plants (facilities), dairies, federally inspected meat and poultry establishments, food preparation areas of food processing facilities, food (processing) plants (areas), and warehouses.

Its non-abrasive formula will not harm (scratch) surfaces. Its non-abrasive formula is (It is designed for use on) (Use daily on) (the following) (hard, non-porous environmental surfaces):

*(Items:)*

animal equipment found in (barns, pens and stalls) animal housing facilities, athletic equipment, cages, chairs, ceilings, countertops, exercise (fitness) equipment, faucets, fixtures, (floor) drains, kennels, mirrors, sinks (found in health care facilities (hospitals) (food establishments)), sink basins, tables, telephones, toilets, toilet bowls (and rims), tubs, urinals, walls, and other items made of

*(Materials:)*

aluminum, brass, chrome, copper, glass, glazed ceramic, glazed porcelain, glazed tile, laminated surfaces and baked enamel surfaces associated with floors, painted surfaces, plastic (surfaces), (plated or) stainless steel, vinyl

- (and) any hard, non-porous washable (food and non-food contact) surface (where disinfection is required) (in the presence of organic soil). This product's non-dulling (advanced) (deep-cleaning) formula eliminates the time and labor normally required for rinsing. A potable water rinse is required for food contact surfaces. Do not use on glasses, dishes and utensils.

It can also be used to pre-clean and disinfect hospital (non-critical medical devices) items: wheelchairs, hospital (patient) bed rails and linings, wash basins, bed pans, medical equipment surfaces.

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

**(To Refill Concentrate From Large Containers Into Smaller Containers:)**

This product may be used to fill and refill clean containers for dilution elsewhere within your facility. Make sure the small container has been cleaned, dried and properly labeled. Also make sure other items (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.

**DIRECTIONS FOR USE:**

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

When used as directed at a 1:256 dilution, ½ fl. oz. per gallon of water (4 mL/L), this product contains 660 ppm of active quaternary germicide making it highly effective against a wide variety (broad-spectrum) of pathogenic microorganisms (including bacteria, antibiotic resistant bacteria, viruses, fungi, mold and mildew. See reference sheet (enclosed in each case) for a complete list of organisms).

**Using AOAC test methods (under Good Laboratory Practices, [GLP's]), in the presence of 400 ppm hard water, 5% soil and 10 minutes contact time this product kills the following on hard non-porous inanimate surfaces:**

\*Viruses - \*Adenovirus Type 2, (VR-2)

**Fungi/Yeast –**

Fungi: *Aspergillus niger*, (ATCC 6275), *Trichophyton mentagrophytes* (athlete's foot fungus), (ATCC 9533)

Yeast: *Candida albicans*, (ATCC 10231)

**Mildewcidal Activity - kills the growth of mold and mildew:** *Aspergillus niger* (ATCC 6275) (and the odors caused by them when applied to hard, non-porous environmental surfaces).

**Using AOAC test methods (under Good Laboratory Practices, [GLP's]), 5% soil and 10 minute contact time this product kills the following on hard non-porous inanimate surfaces:**

**Bacteria -**

*Pseudomonas aeruginosa*, (ATCC 15442)  
*Staphylococcus aureus*, (ATCC 6538)  
*Salmonella enterica*, (ATCC 10708)  
    formerly known as *Salmonella choleraesuis*  
*Acinetobacter baumannii* (ATCC 19606)  
*Acinetobacter calcoaceticus*, (ATCC 9957)  
*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 liquefaciens*, (ATCC 14460)  
*Enterococcus faecalis*, (ATCC 19433)  
    formerly known as *Streptococcus faecalis*  
*Enterococcus hirae*, (ATCC 10541)  
*Escherichia coli*, (ATCC 11229)  
*Escherichia coli* O157:H7, (ATCC 43890)

*Flavobacterium meningosepticum*, (ATCC 13253)  
*Haemophilus influenza*, (ATCC 10211)  
*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)  
*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 enterica* (pullorum), (ATCC 19945)  
    formerly known as *Salmonella choleraesuis*  
    pullorum

*Salmonella enteritidis*, (ATCC 13076)  
*Salmonella gallinarum*, (ATCC 9184)  
*Salmonella schottmuelleri*, (ATCC 10719)  
*Salmonella typhi*, (ATCC 6539)  
*Salmonella typhimurium*, (ATCC 13311)  
*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)  
*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)

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

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

*Escherichia coli*, (ATCC 55244);  
(Resistant to Kanamycin)

*Klebsiella oxytoca*, (ATCC 15764);  
(Resistant to Ampicillin, Dihydrostreptomycin)

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

*Escherichia coli*, (ATCC 47041);  
(Resistant to Tetracycline)

*Micrococcus sedentarius*, (ATCC 27573);  
(Resistant to Methicillin)

*Staphylococcus aureus*, (ATCC 33592)  
(Resistant to Methicillin [MRSA], Gentamicin  
[GRSA])

*Escherichia coli*, (ATCC BAA-196)  
(Extended-Spectrum beta-lactamase (ESBL)  
producing)

*Staphylococcus aureus*, (CDC HIP 5836);  
(Intermediate Vancomycin Resistance [VISA])

*Staphylococcus epidermidis*, (ATCC 51625);  
(Resistant to Methicillin [MRSE])

*Enterococcus faecalis*, (ATCC 51299);  
(Resistant to Vancomycin [VRE])

*Staphylococcus aureus*, (NRS 384)(Genotype  
USA300) Community Associated Methicillin  
Resistant (CA-MRSA)

*Streptococcus pneumoniae*, (ATCC 51915);  
(Resistant to Penicillin [PRSP])

*Staphylococcus aureus*, (NRS 123) (Genotype  
USA400) Community Associated Methicillin  
Resistant (CA-MRSA)

### \*Viruses -

\*Cytomegalovirus, (VR-538)

\*Herpes simplex virus Type 1, (VR-733)

\*Herpes simplex virus Type 2, (VR-734)

\*Human Coronavirus, (VR-740)

\*Influenza Type virus A<sub>2</sub> (Hong Kong), (VR-544)

\*Parainfluenza virus Type 3, (VR-93)

\*Respiratory syncytial virus, (VR-26)

\*Rotavirus, (Strain WA)

\*Vaccinia virus (smallpox vaccine virus),  
(VR-119)

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

Kills \*HBV (Hepatitis B Virus) & \*HCV (Hepatitis C Virus) when used as directed on hard, non-porous inanimate surfaces with a 5 minute contact time.

(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.

### (\*Veterinary viruses:)

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

\*Canine Coronavirus (VR-809)

\*Infectious Bovine Rhinotracheitis virus, (VR-188)

\*Avian Influenza A (H5N1) virus

\*Canine Influenza (H3N8) virus

\*New Castle Disease virus, (VR-108)

\*Avian Influenza virus, (VR-2072)

\*Canine Parainfluenza virus (VR-666)

\*Pseudorabies virus, (VR-135)

\*Canine Distemper virus, (VR-128)

\*Feline Infectious Peritonitis

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

\*Feline Viral Rhinotracheitis virus, (VR-636)

### Fungi/Yeast –

*Geotrichum candidum*, (ATCC 18301)

*Microsporum canis*, (ATCC 10214)

*Saccharomyces cerevisiae*, (ATCC 2601)

**Mold/Mildew Mildewstatic Activity: controls and prevents (inhibits) the growth of mold and mildew: *Aspergillus niger* (ATCC 6275) (and the odors caused by them when applied to hard, non-porous environmental surfaces).**

**Malodor(s) (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).

**Bactericidal Stability of Use-Dilution:** When diluted, it should remain effective against *Pseudomonas aeruginosa*, *Staphylococcus aureus* and *Salmonella enterica* for up to 1 year in storage as long as it remains sealed. If product becomes visibly dirty or contaminated, the use-dilution must be discarded and fresh product prepared. Always use clean, dry containers when diluting this product.

### (Modes of Application:)

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

This product can be applied by mop, sponge, cloth, disposable cloth, disposable wipe, paper towel, microfiber, (hand pump) coarse trigger sprayer, auto-scrubber or foam gun. Change cloth, sponges, wipes or towels frequently to avoid redeposition of soil. For disinfection, surfaces must remain wet for 10 minutes.

*(Note to reviewer: The following paragraph will be used on labels that list medical devices as defined by the FDA, and is manufactured accordingly.)*

(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 blood stream 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.)

**To Prepare Use Solution:** Add the product at ½ fl. oz. per gallon of water (4 mL/L) (1:256).

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

**ACCUMIX™ CONTAINERS DISPENSING SYSTEM:** Add the product at ½ fl. oz. per gallon of water (1:256).

**RTD™ DISPENSING SYSTEM:** (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.

**J-FILL™ (COMMAND CENTER™) (DISPENSING SYSTEM):** (Remove cap and) Insert cartridge into dispenser. Note: See dispenser instructions for proper cartridge placement. Once cartridge is in place turn the knob to dispense a 1:256 solution into a bucket, bottle, scrubber or other container.

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

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

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.

*(Note to Reviewer: The following statement can be used after any set of use instructions and only need to appear once)*

(NOTE: When cleaning floors position wet-floor signs around area to be cleaned. Floors will be slippery when wet or contaminated with foreign materials. Promptly clean up spills and foreign materials.)

**To Kill Fungi, Mold and Mildew:** Pre-clean heavily soiled areas. Apply Use Solution to hard, non-porous environmental surfaces. Allow surface to remain wet for 10 minutes. Wipe surfaces (and let air dry).



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

**\*Kills HBV, HCV and 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 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 ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.**

**Personal Protection:** Disposable latex or vinyl gloves, gowns, face masks, and eye coverings 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, 5 minutes to kill HBV & HCV, 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.

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

1. Pre-clean heavily soiled areas.
2. Add 3/8 fl. oz. into toilet bowl for a 1:256 dilution.
3. Swab entire surface area especially under the rim.
4. Allow entire surface to remain wet for 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 10 minutes.
5. Flush toilet or urinal and rinse swab applicator thoroughly.

**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 10 minutes.  
(*Optional:* Instructions for foam guns: Pour concentrate into foam gun bottle and attach bottle to spray nozzle and ensure gun is attached to hose. See foam gun instructions for more information. Make sure setting is set for a 1:256 dilution. Once in place, squeeze the handle to dispense foam solution.)
3. Scrub using a deck brush or other coarse material as necessary.
4. Rinse surfaces thoroughly and let air dry.

**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 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.

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

**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 or detergent and rinse with water.
5. Apply fresh use solution to floors, walls, cages and other washable hard, non-porous environmental 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 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, cars, boats and other closed spaces. 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 10 minutes. Then thoroughly scrub all treated surfaces with soap or detergent and rinse with potable water before reuse.

**To Clean/Disinfect 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. Allow product remain on surface for 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.

**To Control Mold and Mildew:** Apply Use Solution to pre-cleaned hard, non-porous environmental surfaces. Allow to air dry. Repeat application weekly or when growth reappears.

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

(Note to Reviewer: 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:)*

**NONREFILLABLE SEALED CONTAINERS:** *(Note to Reviewer: Several of our packaging options including ACCUMIX Containers™, J-Fill™, 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, or offer offer for recycling if available.

**NONREFILLABLE NON-RIGID CONTAINERS:** *(Note to Reviewer: 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 Reviewer: 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. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

**LARGE NONREFILLABLE CONTAINERS:** *Note to Reviewer: 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. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

OR

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. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

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

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

Refillable container. Refill this container with (this 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 agency 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** **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 or face shield, rubber gloves, and protective clothing. Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse. *(After product is diluted, no precautionary statements are required.)*

EPA Reg. No. 70627-24

EPA Est. No.

(Lot code letters indicate establishment number.)

(MSDS Ref. No. XXXXXXXXXXXX)

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(Note to Reviewer: Optional graphic used in correlation with dispensing equipment.)



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

## REFERENCE SHEET

### VIREX™ II/ 256

*(Insert verbatim any Claims statements from the Claims sections from above.)*

#### **DIRECTIONS FOR USE:**

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

*(Insert verbatim any set(s) of Directions for Use from above.)*

See the container label for use directions and additional required information including First Aid, Precautionary Statements, and Storage and Disposal.

EPA Reg. No. 70627-24

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*[For Use In the Event of an Emerging Viral Pathogen Outbreak:]*

This product meets the criteria for use against the following category of emerging viral pathogens when used in accordance with the use directions for Adenovirus Type 2: - Enveloped Viruses.

[Product name] has demonstrated effectiveness against viruses similar to [name of emerging virus] on hard, non-porous surfaces. Therefore, [Product name] can be used against [name of emerging virus] when used in accordance with the directions for use against Adenovirus Type 2 on hard, porous/non-porous surfaces. Refer to the [CDC or OIE] website at [pathogen-specific website address] for additional information. [Name of illness/outbreak] is caused by [name of emerging virus]. [Product name] kills similar viruses and therefore can be used against [name of emerging virus] when used in accordance with the directions for use against [name of supporting virus(es)] on hard, porous/non-porous surfaces. Refer to the [CDC or OIE] website at [website address] for additional information.

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

**(Note to Reviewer: Bottle filled by end-user.)**

Use Solution of

**Virex® II 256**

One-Step Disinfectant Cleaner and Deodorant

**ACTIVE INGREDIENTS:**

Didecyl dimethyl ammonium chloride.....	0.034%
n-Alkyl (50% C <sub>14</sub> , 40% C <sub>12</sub> , 10% C <sub>16</sub> ) dimethyl benzyl ammonium chloride .....	0.032%

The product in this container is diluted as directed on the antimicrobial product label by the end-user.

Follow the directions for use on the antimicrobial label when applying this product.

EPA Reg. No. 70627-24

**USE DILUTION SDS#** *(insert number)*

**KEEP OUT OF REACH OF CHILDREN  
FOR INSTITUTIONAL USE  
ALWAYS RINSE BOTTLE AND AIR DRY THOROUGHLY BEFORE REFILLING.  
THIS BOTTLE SHOULD NOT BE USED WITH ANY OTHER PRODUCT.  
CONTENTS OF THIS CONTAINER PREPARED BY USER.**

**NOT FOR RESALE**

Questions? Comments/ *(insert phone number)*

**EMERGENCY PHONE:** *(insert phone number)*

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