

# Virex® Plus

## One-Step Disinfectant Cleaner & Deodorizer

### Active Ingredients:

Octyl decyl dimethyl ammonium chloride .....	6.67%
Dioctyl dimethyl ammonium chloride .....	2.67%
Didecyl dimethyl ammonium chloride .....	4.00%
Alkyl (C <sub>14</sub> , 50%; C <sub>12</sub> , 40%; C <sub>16</sub> , 10%) dimethyl benzyl ammonium chloride.....	8.90%
<b>Other Ingredients:</b> .....	77.76%
<b>Total:</b> .....	100.00%

## KEEP OUT OF REACH OF CHILDREN DANGER

See side panel for Precautionary Statements

Net Contents: **1.58 U.S. Qt./1.5 L.**



STATE OF HAWAII  
Department of Agriculture

**ACCEPTED**

LICENSE NO.

**8017.165**

Sealed Air  
Diversey Care

Diversey™

45

### 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 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.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

### CALL A POISON CONTROL CENTER OR DOCTOR FOR TREATMENT ADVICE.

Have the product container or label with you when calling poison control center or doctor or going for treatment.

**Emergency Phone: 1-800-851-7145**

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This product delivers non-acid disinfectant and cleaning performance in an economical concentrate, can be diluted for use with trigger sprayers, or pressure sprayers, cleans, disinfects and deodorizes in one labor saving step. This product is formulated for use in daily maintenance programs with a balance of detergents, biocides and malodor counteractants that deliver effective cleaning, disinfecting and malodor control. This product is a concentrated, one-step, Hospital Use disinfectant cleaner that is effective against a broad spectrum of bacteria, is virucidal\*, including HIV-1, the AIDS Virus and Hepatitis B Virus and Hepatitis C Virus, fungicidal, and inhibits the growth of mold and mildew, and their odors, when used as directed. This product is an effective one-step sanitizer-cleaner for use on non-food hard, nonporous contact surfaces, meets AOAC efficacy standards for hospital disinfectants, and meets Sanitizer Test standards for non-food contact sanitizers.

Virex Plus is a sanitizer for hard nonporous non-food contact surfaces at 1:256 dilution [ $\frac{1}{2}$  oz. per gallon] according to the method for Sanitizers – Non-food Contact surfaces, modified in the presence of 250 ppm hard water plus 5% organic serum in 15 seconds against:

Enterobacter aerogenes	Klebsiella pneumoniae	Listeria monocytogenes
Staphylococcus aureus	Staphylococcus aureus–Methicillin-Resistant (MRSA)	

This product is effective against Pseudomonas aeruginosa, \*Human Coronavirus, Trichophyton mentagrophytes, and Canine Distemper Virus with a 3 minute contact time and \*Norwalk Virus – Norovirus - Feline Calicivirus at 1:128 dilution with a 5 minute contact time.

Virex Plus is effective on hard nonporous surface at 1:128 dilution [1 oz. per gallon] according to the virucidal qualification modified in the presence of 250 ppm hard water plus 5% organic serum in 5 minutes against Feline Calicivirus.

Use Virex Plus as a disinfectant on hard, nonporous surfaces, to clean and disinfect sinks and tubs.

Use Virex Plus in: Kitchens, Dental offices, Health Care Facilities, Hospitals, Medical Offices, Nursing homes, Institutional kitchens, Exercise facilities, Hotels, Locker rooms, Public restrooms, Schools, Shower areas, Tanning Salons, and Emergency vehicles.

Use Virex Plus on washable, hard, nonporous surfaces of: Bathroom fixtures, Conductive flooring, Counters, Countertop laminates, Doorknobs, Floors, Foot Spas, Tables, Telephones, Tubs, Glazed Tiles, Ultrasonic baths, Walls, Whirlpool tubs, Glazed ceramic, Glazed enameled surfaces, Glazed porcelain, Laminated surfaces, Metal, Plastic such as polystyrene or polypropylene, Sealed stone, Stainless steel, Upholstery, vinyl and plastic, and Finished woodwork.

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## DIRECTIONS FOR USE

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

**Preparation of Disinfectant Use-Solution:** Mix ½ oz. per gallon of water (1:256). For heavy duty use, add 2 oz per gallon of water. Use 1 oz. per gallon of water to kill Norovirus, Enterobacter aerogenes, and Serratia marcescens. Use 2 oz. per gallon of water to kill Adenovirus Type 5 and Type 7.

## DISINFECTION / VIRUCIDAL\* / FUNGICIDAL / MOLD AND MILDEW CONTROL DIRECTIONS:

Apply use-solution to hard, nonporous surfaces, thoroughly wetting surfaces with a sprayer. Treated surfaces must remain wet for contact time indicated on the label. Wipe dry with a cloth, sponge or mop or allow to air dry. For heavily soiled areas, a preliminary cleaning is required. Spray 6 - 8 inches from the surface; rub with a brush, sponge or cloth. Do not breathe spray. Rinse all surfaces that come in contact with food such as countertops, appliances, tables and stovetops with potable water before reuse. Do not use on utensils, glassware and dishes.

**For fungicidal activity:** This product is an effective fungicide against Trichophyton mentagrophytes when used on surfaces in areas such as locker rooms, dressing rooms, shower and bath areas and exercise facilities.

This product is a one-step fungicide at 1/2 oz. per gallon in 250 ppm hard water and 5% serum.

**For mold and mildew:** At 1/2 oz. per gallon, Virex Plus will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard, nonporous surfaces. Follow disinfection instructions. Repeat treatment every seven days, or more often if new growth appears.

This product is not for use on medical device surfaces.

Prepare a fresh solution daily or more often if the solution becomes visibly dirty or diluted.

**\*KILLS HIV AND HBV AND HCV ON PRE-CLEANED ENVIRONMENTAL SURFACES / OBJECTS PREVIOUSLY SOILED WITH BLOOD / BODY FLUIDS** in health care settings or 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] or Hepatitis B Virus [HBV] or Hepatitis C Virus [HCV].

## Special Instructions for Cleaning and Decontamination against HIV-1 or HBV or HCV on Surfaces / Objects Soiled With Blood / Body Fluids.

**Personal Protection:** Cleanup must always be done wearing protective gloves, gowns, masks and eye protection.

**Cleaning Procedure:** Blood and other body fluids containing HIV-1 or HBV or HCV must be thoroughly cleaned from surfaces and objects before application of this product.

**Contact Time:** Leave surface wet for 1 minute for HIV-1 and 3 minutes for HBV and HCV with a ½ oz. per gallon use-solution. Use contact time indicated on the label for disinfection against all other viruses, bacteria and fungi claimed.

**Disposal of Infectious Material:** Blood, body fluids, cleaning materials and clothing must be disposed of according to local regulations for infectious waste disposal.

**VETERINARY PRACTICE / ANIMAL CARE / ANIMAL LABORATORY / ZOOS / PET SHOP / KENNELS / VIRUCIDAL\* DISINFECTION DIRECTIONS:** For cleaning and disinfecting hard nonporous surfaces: equipment used for animal food or water, utensils, instruments, cages, kennels, stables, catteries. Remove all animals and feeds from premises, animal transportation vehicles, crates, etc. Remove all litter, droppings and manure from floors, walls and surfaces of facilities occupied or traversed by animals. Empty all feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces by spraying with a use-solution of ½ oz. of product per gallon of water or equivalent dilution for contact time indicated on the label. Use 1 oz. per gallon of water to kill Feline Calicivirus. Use 2 oz. per gallon of water to kill Adenovirus Type 5 and Type 7. Wipe or allow to air dry. Immerse all animal 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. Rinse all surfaces that come in contact with food, including equipment used for feeding or watering, with potable water before reuse. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried.

**TO SANITIZE NON-FOOD CONTACT SURFACES:** Add ½ oz. of product per gallon of water to sanitize hard nonporous surfaces. Treated surfaces must remain wet for 15 seconds. Wipe dry with a sponge, mop or cloth or allow to air dry. Do not use in food preparation, food handling and food

storage areas. This product is not to be used on glassware, dishware, cookware or utensils.  
**TO CLEAN AND DEODORIZE:** Mix ½ oz. per gallon of water to clean and deodorize surfaces. Apply using a sprayer. Wipe or allow to air dry.

See Reference Sheet for additional product information and Directions for Use.

## 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 on clothing. Wear protective eyewear (goggles, face shield or safety glasses), protective clothing and protective rubber or chemical resistant gloves. Harmful if swallowed or if absorbed through the skin. 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 clothing before reuse.

## STORAGE AND DISPOSAL

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

**Pesticide Storage:** Open dumping is prohibited. Store in original container in areas inaccessible to children.

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

SDS # MS0800377

EPA Reg. No. 6836-349-70627

EPA Est. No. 0312-WI-3 (NW);

13938-CAN-1 (LD)

Manufactured for:

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Charlotte, NC 28219-0747

Made in Canada

 **QUESTIONS? COMMENTS:**  
**1-800-558-2332**



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# Virex® Plus

Virex Plus is a one-step Hospital use disinfectant, Bactericidal according to the current AOAC Germicidal Spray Test Method and Virucidal\* according to the virucidal qualification modified in the presence of 250 ppm hard water plus 5% organic serum against:

## 1 MINUTE CONTACT TIME:

Viruses:

\*HIV-1 [AIDS Virus]

\*Influenza Type A / Hong Kong [Influenza]

## 3 MINUTE CONTACT TIME:

Bacteria:

*Pseudomonas aeruginosa*

*Salmonella enterica*

*Staphylococcus aureus*

*Acinetobacter baumannii*

*Bordetella bronchiseptica*

*Bordetella pertussis*

*Campylobacter jejuni*

*Enterobacter aerogenes* at 1:128 dilution [1 oz. per gallon of water]

*Enterococcus faecalis*

*Enterococcus faecalis* - Vancomycin resistant [VRE]

ESBL *Escherichia coli* (Extended spectrum beta-lactamase producing *E. coli*)

*Escherichia coli*

*Escherichia coli* O157:H7

*Klebsiella pneumoniae*

*Klebsiella pneumoniae*, Carbapenem-resistant

*Listeria monocytogenes*

*Proteus vulgaris*

*Serratia marcescens* at 1:128 dilution [1 oz. per gallon of water]

*Shigella dysenteriae*

*Shigella flexneri* serotype 1B

*Shigella sonnei*

*Staphylococcus aureus* - Community Associated Methicillin-Resistant [CA-MRSA] (NRS384) (USA300)

*Staphylococcus aureus* - Methicillin-Resistant [MRSA]

*Staphylococcus aureus* - Vancomycin Intermediate Resistant – [VISA]

*Streptococcus pyogenes*

*Vibrio cholerae*

*Yersinia enterocolitica*

Viruses:

\*Hepatitis B Virus [HBV]

\*Hepatitis C Virus [HCV]

\*Herpes Simplex Virus Type 1

\*Herpes Simplex Virus Type 2

\*Human Coronavirus

\*Respiratory Syncytial Virus [RSV]

\*Rotavirus

\*Vaccinia [Pox Virus]

Animal Viruses:

Canine Distemper Virus

Newcastle's Disease Virus

Fungi:

*Candida albicans*

*Trichophyton mentagrophytes*

## 5 MINUTE CONTACT TIME:

Virus:

\*Norwalk Virus – Norovirus - Feline Calicivirus at 1:128 dilution [1 oz. per gallon of water]

Animal Virus:

Feline Calicivirus at 1:128 dilution [1 oz. per gallon of water]

## 10 Minute Contact Time:

Bacteria:

*Legionella pneumophila*

*Staphylococcus aureus* - Community Associated Methicillin-Resistant [CA-MRSA] (NRS123) (USA400)

*Staphylococcus aureus* - Multi-Drug Resistant

Viruses\*:

\*Adenovirus Type 5 [Adenovirus] at 2 oz. per gallon

\*Adenovirus Type 7 [Adenovirus] at 2 oz. per gallon

\*SARS Associated Coronavirus [SARS] [cause of Severe Acute Respiratory Syndrome]

Kills Pandemic 2009 H1N1 influenza A virus.

Use this product to clean and disinfect hard non-porous finished floors. Cleans and disinfects without dulling gloss.

**FOR USE ON FINISHED FLOORS:** To limit gloss reduction use product at ½ oz. per gallon. Spray onto floor. Allow surface to remain wet for contact time indicated on the label. Wipe or allow to air dry. Do not use on floor finish at 2 oz. per gallon.

## NON-ACID TOILET BOWL AND URINAL DISINFECTANT / CLEANER DIRECTIONS:

**From Use Solution:** Empty toilet bowl or urinal and apply a ½ oz. per gallon use-solution to exposed surfaces and under the rim with a sprayer. Use 1 oz. per gallon of water to kill Norovirus. Use 2 oz. per gallon of water to kill Adenovirus Type 5 and Type 7. Brush or swab thoroughly, allow to stand for contact time indicated on the label and flush.