

Oxivir® Five 16 Concentrate

STORAGE AND DISPOSAL

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

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

PRECAUTIONARY STATEMENTS HAZARD TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear chemical splash-proof goggles or face shield. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

EPA Reg. 70627-58
EPA Est. No. 0312-WI-3[NW]; 13938-CAN-1 [LD]
Lot code letters indicate establishment number.

For Institutional Use

SDS # MS0800464



 **Questions? Comments**
1-800-558-2332

Sealed Air
Diversey Care

Oxivir® Five 16 Concentrate

One Step Disinfectant Cleaner

***VIRUCIDAL • FUNGICIDAL • BACTERICIDAL • MILDEWCIDAL • DEODORIZER**

ACTIVE INGREDIENT:

Hydrogen Peroxide..... 4.25%

OTHER INGREDIENTS: 95.75%

TOTAL..... 100.00%

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: 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.

1-800-851-7145

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.

Net Contents:

3.78 L / 1 U.S. Gal.

Diversey^{TM/AMC}

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**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See additional precautionary statements on side panel.



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Oxivir® Five 16 Concentrate

This product is a one-step disinfectant cleaner designed for general cleaning, disinfecting, deodorizing, and killing mold and mildew on hard, non-porous environmental surfaces. It cleans quickly by removing dirt, grime, mold, mildew, body oils and other common soils found in hospitals, nursing homes, office buildings, schools and colleges, medical offices, transportation facilities, airports, cruise ships, athletic facilities, locker rooms, health clubs, exercise equipment, veterinary clinics, pet shops, animal life science laboratories, hotels, motels, public areas and restrooms.

It is designed for use on the following hard, non-porous environmental inanimate surfaces: vinyl, painted surfaces, plastic surfaces, glass, mirrors, glazed ceramic, glazed porcelain, chrome, stainless steel, aluminum, laminated surfaces and baked enamel surfaces associated with floors, walls, ceilings, tables, chairs, countertops, telephones, fixtures, athletic equipment, exercise equipment, glazed tile, sinks, sink basins, faucets, tubs, shower rooms and locker room areas – any hard, non-porous washable surface where disinfection is required. Do not use on glasses, dishes and utensils.

When used as directed, this product is highly effective against a wide variety of pathogenic microorganisms including bacteria, antibiotic-resistant bacteria, *viruses, fungi, mold and mildew. At a 1:16 dilution, in the presence of 200 ppm hard water, 5% serum load and 5 minute contact time, unless otherwise noted, this product kills the following on hard, non-porous inanimate surfaces: *Pseudomonas aeruginosa*, *Salmonella enterica* (formerly known as *Salmonella choleraesuis*), *Staphylococcus aureus*, *Acinetobacter baumannii*, *Staphylococcus aureus* (MRSA), *Escherichia coli* Extended Spectrum Beta-lactamase resistant (ESBL), *Klebsiella pneumoniae* Carbanepem-resistant (KPC), *Enterococcus faecium* (Resistant to Vancomycin [VRE]) At a 1:16-1:64 dilution, in the presence of 200 ppm hard water, 5% serum load and 5 minute contact time, unless otherwise noted, this product kills the following on hard, non-porous inanimate surfaces: *Norovirus (Feline Calicivirus as the surrogate)(VR-782).

See reference sheet for a complete list of organisms and additional directions for use.

Bactericidal Stability of Use-Dilution – Tests show this product as a disinfectant, when diluted at 1:16 dilution in 200 ppm hard water, in the presence of 5% serum, remains effective against *Staphylococcus aureus*, *Salmonella enterica* (formerly known as *Salmonella choleraesuis*) and *Pseudomonas aeruginosa* for up to 90 days in storage as long as the bottle remains sealed. If the use-solution becomes visibly dirty or contaminated, it must be discarded and a fresh product prepared. Always use clean, dry containers when diluting this product. Treated surfaces must remain wet for 5 minutes.

DIRECTIONS FOR USE:

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

This product is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the 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.

Not recommended for use on copper, brass, granite, marble or zinc.

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To Prepare Use Solution: Add the product at 8 oz. of product per gallon of water (1:16).

For Use as a Daily One-Step Cleaner/Disinfectant: (1:16) Pre-clean heavily soiled areas. Apply Use Solution by hand pump coarse trigger sprayer to hard, non-porous environmental surfaces. Spray 6 - 8 inches from surface; making sure to wet surfaces thoroughly. All surfaces must remain wet for 5 minutes. Wipe surfaces and let air dry. Note - Rinsing is not necessary unless floors are to be coated with finish or restorer. When cleaning floors position wet-floor signs around area to be cleaned. Floors will be slippery when wet or contaminated with foreign materials. Do not use on glassware, utensils, or dishes.

For Use to Clean and Disinfect Shower Rooms, Locker Rooms and Other Large, Open Areas with Floor Drains: (1:16) Pre-clean heavily soiled areas. Apply Use Solution to floors, walls and ceilings making sure not to over spray. To disinfect, all surfaces must remain wet for 5 minutes. Scrub using a deck brush or other coarse material as necessary. Rinse surfaces thoroughly and let air dry.

NOTE: When cleaning floors position wet-floor signs around area to be cleaned. Floors will be slippery when wet or contaminated with foreign materials.

For use as a *Virucide: Dilute at 2-8 oz. of product per gallon of water (1:16-1:64). Pre-clean heavily soiled areas. Apply Use Solution until thoroughly wet. Let stand for 5 minutes. Wipe surfaces and let air dry.

***This product 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 (HBV), Hepatitis C Virus (HCV) and Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS).

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

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

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

Contact Time: Allow surface to remain wet for 1 minute to kill HIV-1, 5 minutes to kill HBV & HCV, 10 minutes to kill fungi and for 5 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.

To Kill *Canine Parvovirus: (1:16)

1. Pre-clean heavily soiled areas.
2. Apply Use Solution until thoroughly wet

3. Let stand for 5 minutes.

4. Wipe surfaces and let air dry.

To Kill Mold and Mildew: (1:16) Pre-clean surfaces. Apply Use Solution to hard, non-porous environmental surfaces. Allow surfaces to remain wet for 10 minutes. Wipe surfaces and let air dry.

To Control Mold and Mildew: (1:16) Apply Use Solution to pre-cleaned hard, non-porous environmental surfaces. Wipe surfaces and let air dry. Repeat application weekly or when growth reappears.

To Kill Fungi: (1:16) Pre-clean heavily soiled areas. Apply Use Solution to hard, non-porous environmental surfaces. Allow surface to remain wet for 5 minutes. Wipe surfaces and let air dry.

For Treatment of Animal Housing Facilities (including Poultry barns): (1:16)

1. Remove all animals and feeds 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 5 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 re-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 5 minutes. Then thoroughly scrub all treated surfaces with soap or detergent and rinse with potable water before reuse.

To Sanitize Non-Food Contact Surfaces: Dilute at 8.0 oz. of product per gallon of water (1:16).

1. Pre-clean heavily soiled hard non-porous surfaces.
 2. Apply Use Solution until thoroughly wet.
 3. Let stand for 30 seconds.
 4. Wipe surfaces and let air dry.
 5. Not for use on food contact surfaces or on food preparation areas.
- Note - Do not use on glassware, utensils, or dishes.

To Sanitize Non-Food Contact Surfaces: Dilute at 1.0 oz. of product per gallon of water (1:128).

1. Pre-clean heavily soiled hard non-porous surfaces.
 2. Apply Use Solution until thoroughly wet.
 3. Let stand for 3 minutes.
 4. Wipe surfaces and let air dry.
 5. Not for use on food contact surfaces or on food preparation areas.
- Note - Do not use on glassware, utensils, or dishes.

For Use as a Cleaner/Degreaser: Dilute product at 0.5-1.0 oz. of product per gallon of water (1:128 - 1:256). Apply to hard, non-porous surfaces. Wipe surfaces and let air dry.

For Use as a Deodorizer: Dilute product at 0.5 - 1.0 oz. of product per gallon of water (1:16 - 1:128). Apply to hard non-porous surfaces. Let stand for 3 minutes. Wipe surfaces and let air dry.

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For Use To Clean and Disinfect Shower Rooms, Locker Rooms and Other Large, Open Areas with Floor Drains: (1:16) Pre-clean heavily soiled areas. Apply Use Solution to floors, walls and ceilings making sure not to over spray. To disinfect, all surfaces must remain wet for 5 minutes. Scrub using a deck brush or other coarse material as necessary. Rinse surfaces thoroughly and let air dry.

NOTE: When cleaning floors position wet-floor signs around area to be cleaned. Floors will be slippery when wet or contaminated with foreign materials.

To Kill Mold and Mildew: (1:16) Pre-clean surfaces. Apply Use Solution to hard, non-porous environmental surfaces. Allow surfaces to remain wet for 10 minutes. Wipe surfaces and let air dry.

To Kill Fungi: (1:16) Pre-clean heavily soiled areas. Apply Use Solution to hard, non-porous environmental surfaces. Allow surface to remain wet for 5 minutes. Wipe surfaces and let air dry.

To Sanitize Non-Food Contact Surfaces: Dilute at 8.0 oz. of product per gallon of water (1:16).

1. Pre-clean heavily soiled hard non-porous surfaces.
 2. Apply Use Solution until thoroughly wet.
 3. Let stand for 30 seconds.
 4. Wipe surfaces and let air dry.
 5. Not for use on food contact surfaces or on food preparation areas.
- Note - Do not use on glassware, utensils, or dishes.

To Sanitize Non-Food Contact Surfaces: Dilute at 1.0 oz. of product per gallon of water (1:128).

1. Pre-clean heavily soiled hard non-porous surfaces.
 2. Apply Use Solution until thoroughly wet.
 3. Let stand for 3 minutes.
 4. Wipe surfaces and let air dry.
 5. Not for use on food contact surfaces or on food preparation areas.
- Note - Do not use on glassware, utensils, or dishes.

For Use as a Cleaner/Degreaser: Dilute product at 0.5 - 1.0 oz. of product per gallon of water (1:256 - 1:128). Apply to hard, non-porous surfaces. Wipe surfaces and let air dry.

For Use as a Deodorizer: Dilute product at 0.5 - 1.0 oz. of product per gallon of water (1:16 - 1:128). Apply to hard non-porous surfaces. Let stand for 3 minutes. Wipe surfaces and let air dry.

To Control Mold and Mildew: (1:16)

Apply Use Solution to pre-cleaned hard, non-porous environmental surfaces. Wipe surfaces and let air dry. Repeat application weekly or when growth reappears.

To Kill *Canine Parvovirus: (1:16)

1. Pre-clean heavily soiled areas.
2. Apply Use Solution until thoroughly wet.
3. Let stand for 5 minutes.
4. Wipe surfaces and let air dry.

For Treatment of Animal Housing Facilities (including Poultry barns): (1:16)

1. Remove all animals and feeds 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 5 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 re-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 5 minutes. Then thoroughly scrub all treated surfaces with soap or detergent and rinse with potable water before reuse.

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

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When used as directed, this product is highly effective against a wide variety of pathogenic microorganisms including bacteria, antibiotic-resistant bacteria, *viruses, fungi, mold and mildew. At a 1:16 dilution (8 oz. of product per gallon of water), in the presence of 200 ppm hard water, 5% serum load and 5 minute contact time, unless otherwise noted, this product kills the following on hard non-porous inanimate surfaces:

Bacteria:

Pseudomonas aeruginosa, (ATCC 15442)
Salmonella enterica, (ATCC 10708)
 (formerly known as *Salmonella choleraesuis*)
Staphylococcus aureus, (ATCC 6538)
Acinetobacter baumannii, (ATCC 19606)

Escherichia coli O157:H7, (ATCC 35150)
Klebsiella pneumoniae, (ATCC 4352)
Listeria monocytogenes, (ATCC 19111)
Shigella dysenteriae, (ATCC 13313)
Streptococcus pyogenes, (ATCC 12204)

Antibiotic-Resistant Strains of Bacteria:

Enterococcus faecium, (Resistant to *Vancomycin* [VRE]), (ATCC 51559)
Escherichia coli, (Extended Spectrum Beta-lactamase resistance [ESBL]), (ATCC BAA-196)
Klebsiella pneumoniae, (Carbapenem-resistant [KPC]), (ATCC BAA-1705)
Staphylococcus aureus, (Methicillin-resistant [MRSA]), (ATCC 33591)

Staphylococcus aureus, (Community Associated Methicillin-resistant [CA-MRSA]), (clinical Isolate 08005) (Genotype USA400)
Staphylococcus aureus, (Community Associated Methicillin-resistant [CA-MRSA]), (clinical Isolate 08001) (Genotype USA300)
Staphylococcus epidermidis, (Methicillin-resistant [MRSE]), (ATCC 51625)
Streptococcus pneumoniae, (Penicillin Resistant [PRSP]), (ATCC 700671)

Fungicidal Activity: This product is fungicidal when used as directed on hard, non-porous inanimate surfaces at a 1:16 dilution (8 oz. per gallon of water), and in the presence of a 5% serum load and 5 minute contact time at 20°C (68°F).

Trichophyton mentagrophytes, (ATCC 9533)

At 1:16 - 1:64 dilution (2 - 8 oz. of product per gallon of water), in the presence of 200 ppm hard water, 5% serum load and 5 minute contact time, unless otherwise noted, this product kills the following on hard, non-porous inanimate surfaces:

***Viruses:**

*Adenovirus type 8, (ATCC VR-1368, Strain Trim)
 *Herpes Simplex Virus Type 2, (VR-734)
 *Human Coronavirus, (VR-740)
 *Influenza Virus Type A₂, (Hong Kong) (VR-544)
 *Norovirus, (Feline Calicivirus as the surrogate) (VR-782)
 *Parainfluenza Virus Type 3, (VR-93)

*Poliovirus Type 1, (ATCC VR-1000)
 *Respiratory Syncytial Virus, (VR-26)
 *Rhinovirus Type 37, Strain 151-1, (ATCC VR-1147)
 *Rotavirus, (Strain WA)
 *Vaccinia Virus, (smallpox vaccine virus) (ATCC VR-119)

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

Kills *HIV-1 (Human Immunodeficiency Virus Type 1) (AIDS virus) (HTLV-III_b) when used as directed on hard, non-porous inanimate surfaces with a 1 minute contact time.

Kills *Influenza A Virus (H1N1) (ATCC VR-1469, Strain A/PR/8/34) when used as directed on hard, non-porous inanimate surfaces with a 1 minute contact time.

***Veterinary Viruses:**

*Avian Influenza A, (H3N2) (ATCC VR-2072)

***Canine Parvovirus:** Kills *Canine Parvovirus (ATCC VR-2017) when used as directed on hard, non-porous inanimate surfaces at a 1:16 dilution (8 oz. per gallon of water), and in the presence of a 5% serum load and 5 minute contact time.

Mildewcidal Activity - kills the growth of mold and mildew: when diluted at 1:16 in 200 ppm hard water at a 10 minute contact time: *Aspergillus niger* (ATCC 16404) and the odors caused by them when applied to hard, non-porous environmental surfaces.

Mildewstatic Activity - controls and prevents the growth of mold and mildew: when diluted at 1:16 in 200 ppm hard water at a 10 minute contact time: *Aspergillus niger* (ATCC 6275) and the odors caused by them when applied to hard, non-porous environmental surfaces.

Bactericidal Stability of Use-Dilution - Tests show this product as a disinfectant, when diluted at 1:16 dilution in 200 ppm hard water, in the presence of 5% serum, remains effective against *Staphylococcus aureus*, *Salmonella enterica* (formerly known as *Salmonella choleraesuis*) and *Pseudomonas aeruginosa* for up to 90 days in storage as long as the bottle remains sealed. If the use-solution becomes visibly dirty or contaminated, it must be discarded and a fresh product prepared. Always use clean, dry containers when diluting this product. Treated surfaces must remain wet for 5 minutes.

Sanitizing: When used as a non-food contact sanitizer at a 1:16 dilution (8 oz. of product per gallon of water), in the presence of 200 ppm hard water, 5% serum load, this product reduces the following bacteria by 99.9% with a 30 second contact time on hard non-porous inanimate surfaces:

Enterobacter aerogenes, (ATCC 13048)
Enterococcus faecalis, Vancomycin-Resistant (VRE), (ATCC 51575)
Escherichia coli, Extended Spectrum Beta-lactamase resistance (ESBL), (ATCC BAA-196)
Listeria monocytogenes, (ATCC 19111)

Pseudomonas aeruginosa, (ATCC 15442)
Salmonella enterica, (ATCC 10708)
 (formerly known as *Salmonella choleraesuis*)
Staphylococcus aureus, (ATCC 6538)

Sanitizing: When used as a non-food contact sanitizer at a 1:128 dilution (1 oz. of product per gallon of water), in the presence of 200 ppm hard water, 5% serum load, this product reduces the following bacteria by 99.9% with a 3 minute contact time on hard non-porous inanimate surfaces:

Enterococcus faecalis, (ATCC 29212)
Escherichia coli, (ATCC 11229)
Klebsiella pneumoniae, (ATCC 4352)
Listeria monocytogenes, (ATCC 19111)

Pseudomonas aeruginosa, (ATCC 15442)
Salmonella enterica, (ATCC 10708)
 (formerly known as *Salmonella choleraesuis*)
Staphylococcus aureus, (ATCC 6538)

Malodors Counteractancy: reduces 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, when used as directed at a 1:16 - 1:128 dilution (1 - 8 oz. per gallon of water), in the presence of 200 ppm hard water and a 3 minute contact time.

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