



Oxivir Five 16 Concentrate (US)

Version Number: 3

Preparation date: 2015-06-29

1. IDENTIFICATION

Product name: Oxivir Five 16 Concentrate (US)
Product Code: 4963314, 4963331, 4963357, 5019296, 5271361, 5285287
SDS #: MS0800464
Recommended use:

- Industrial/Institutional
- Disinfectant Cleaner
- This product is intended to be diluted prior to use

Uses advised against: Uses other than those identified are not recommended

Manufacturer, importer, supplier:
 US Headquarters
 Diversey, Inc.
 P.O. Box 19747
 Charlotte, NC 28219-0747
 Phone: 1-888-352-2249
 SDS Internet Address: <https://sds.sealedair.com>

Emergency telephone number: 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

Classification for the undiluted product

This product is not classified as hazardous according to OSHA 29CFR 1910.1200 (HazCom 2012-GHS) and Canadian Hazardous Products Regulations (HPR) (WHMIS 2015-GHS).

Precautionary Statements

May be mildly irritating to eyes and skin. In case of contact, immediately flush with plenty of water. If irritation occurs and persists, get medical attention.

Health hazards not otherwise classified (HHNOC) - Not applicable

Physical hazards not otherwise classified (PHNOC) - Not applicable

Classification for the diluted product @ 1:16

This product, when diluted as stated on the label, is not classified as hazardous according to OSHA 29CFR 1910.1200 (HazCom 2012-GHS) and Canadian Hazardous Products Regulations (HPR) (WHMIS 2015-GHS).

Precautionary Statements

MAY CAUSE LONG LASTING HARMFUL EFFECTS TO AQUATIC LIFE.

None required.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Classified Ingredients

Oxivir Five 16 Concentrate (US)

1 of 5



Ingredient(s)	CAS #	Weight %
Propylene glycol n-propyl ether	1569-01-3	5 - 10%
Dodecylbenzene sulfonic acid	68584-22-5	5 - 10%
Ethoxylated linear alcohol	68439-45-2	5 - 10%
Hydrogen peroxide	7722-84-1	3% - < 5%
Phosphoric acid	7664-38-2	3% - < 5%

*Exact percentages are being withheld as trade secret information

4. FIRST AID MEASURES

Undiluted Product:

Eyes: In case of contact, immediately flush with plenty of water. If irritation occurs and persists, get medical attention.

Skin: In case of contact, immediately flush with plenty of water. If irritation occurs and persists, get medical attention.

Inhalation: No specific first aid measures are required.

Ingestion: Rinse mouth with water.

Notes to physician: Probable mucosal damage may contraindicate the use of gastric lavage.

Most Important Symptoms/Effects: No information available.

Immediate medical attention and special treatment needed: Not applicable.

Aggravated Medical Conditions: None known.

Diluted Product:

Eyes: Rinse with plenty of water. If irritation occurs and persists, get medical attention.

Skin: Rinse with plenty of water. If irritation occurs and persists, get medical attention.

Inhalation: No specific first aid measures are required.

Ingestion: Rinse mouth with water.

5. FIRE-FIGHTING MEASURES

Specific methods:

No special methods required

Suitable extinguishing media:

The product is not flammable. Extinguish fire using agent suitable for surrounding fire.

Specific hazards:

Not applicable.

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Extinguishing media which must not be used for safety reasons: No information available.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Not relevant to the product itself.

Environmental precautions and clean-up methods:

Use appropriate containment to avoid environmental contamination. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Keep in suitable and closed containers for disposal. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes and clothing. Do not taste or swallow. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage: Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

Aerosol Level (if applicable): Not applicable

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

Ingredient(s)	CAS #	ACGIH	OSHA
Propylene glycol n-propyl ether	1569-01-3	-	-
Dodecylbenzene sulfonic acid	68584-22-5	-	-
Ethoxylated linear alcohol	68439-45-2	-	-

Hydrogen peroxide	7722-84-1	1 ppm (TWA)	1 ppm (TWA) 1.4 mg/m ³ (TWA)
Phosphoric acid	7664-38-2	3 mg/m ³ (STEL) 1 mg/m ³ (TWA)	1 mg/m ³ (TWA)

Undiluted Product:

Engineering measures to reduce exposure:

General room ventilation is adequate

Personal Protective Equipment

Eye protection: No personal protective equipment required under normal use conditions.
Hand protection: No personal protective equipment required under normal use conditions.
Skin and body protection: No personal protective equipment required under normal use conditions.
Respiratory protection: No personal protective equipment required under normal use conditions.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

Diluted Product:

Personal Protective Equipment

Eye protection: No personal protective equipment required under normal use conditions.
Hand protection: No personal protective equipment required under normal use conditions.
Skin and body protection: No personal protective equipment required under normal use conditions.
Respiratory protection: No personal protective equipment required under normal use conditions.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Evaporation Rate: No information available
Odor threshold: No information available.
Melting point/range: Not determined
Autoignition temperature: No information available
Solubility in other solvents: No information available
Density: 8.66 lbs/gal 1.038 Kg/L
Bulk density: No information available
Flash point: > 200 °F > 93.3 °C
Dilution Flash Point: > 200 °F > 93.3 °C
Elemental Phosphorus: 1.314 % by wt.
pH: 1.0
Dilution pH: 1.9 @ 1:16
Metal Corrosion: Not determined
Explosion limits: - upper: Not determined - lower: Not determined

Color: Colorless
Odor: Characteristic
Boiling point/range: Not determined
Decomposition temperature: Not determined
Solubility: Completely Soluble
Relative Density (relative to water): 1.038
Vapor density: No information available
Vapor pressure: No information available.
Partition coefficient (n-octanol/water): No information available
Viscosity: No information available
VOC: 8.32 % *
VOC % by wt. at use dilution 0.49 % *
Flammability (Solid or Gas): Not applicable

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

Reactivity: Not Applicable
Stability: The product is stable
Hazardous decomposition products: Oxygen.
Materials to avoid: Oxidizing agents.
Conditions to avoid: Do not freeze.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Eye contact, Skin contact, Inhalation, Ingestion

Delayed, immediate, or chronic effects and symptoms from short and long-term exposure

Skin contact: May be mildly irritating to skin. Symptoms may include redness and/or transient discomfort.
Eye contact: May be mildly irritating to eyes. Symptoms may include redness, watering and/or transient discomfort.
Ingestion: No information available.
Inhalation: No information available.
Sensitization: No known effects.

Target Organs (SE): None known
Target Organs (RE): None known

Numerical measures of toxicity

ATE - Oral (mg/kg): >5000
ATE - Dermal (mg/kg): >5000
ATE - Inhalatory, mists (mg/l): >20
ATE - Inhalatory, vapors (mg/l): 47

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available.

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: 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. This product, as sold, if discarded or disposed, is a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Dispose in compliance with all Federal, state, provincial, and local laws and regulations. This product, when diluted as stated on this MSDS, is a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

Contaminated Packaging: Do not re-use empty containers.

RCRA Hazard Class (undiluted product): D002 Corrosive Waste

RCRA Hazard Class (diluted product): D002 Corrosive Waste

14. TRANSPORT INFORMATION

DOT/TDG/IMDG: Proper shipping descriptions can vary by pack size. Please refer to the Diversey HazMat Library, **only available through Internet Explorer**, <http://naextranet.diversey.com/dot/>, for up to date shipping information.

DOT (Ground) Bill of Lading Description: DISINFECTANTS

IMDG (Ocean) Bill of Lading Description: DISINFECTANTS

15. REGULATORY INFORMATION

International Inventories at CAS# Level

All components of this product are listed on the following inventories: U.S.A. (TSCA).

U.S. Regulations

EPA Reg. No. : 70627-58

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

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.

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65.

RIGHT TO KNOW (RTK)

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
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Water	7732-18-5	-	-	-	-
Propylene glycol n-propyl ether	1569-01-3	-	-	-	-
Dodecylbenzene sulfonic acid	68584-22-5	-	-	-	-
Ethoxylated linear alcohol	68439-45-2	-	-	-	-
Hydrogen peroxide	7722-84-1	X	X	X	X
Phosphoric acid	7664-38-2	X	X	X	X
2-Hydroxybenzoic Acid	69-72-7	-	-	-	-

CERCLA/ SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Hydrogen peroxide	7722-84-1	3% - < 5%		1000	
Phosphoric acid	7664-38-2	3% - < 5%	5000		

SARA 311/312 Hazard Categories

Immediate: -
 Delayed: -
 Fire: -
 Reactivity: -
 Sudden Release of Pressure: -

Canadian Regulations

16. OTHER INFORMATION

NFPA (National Fire Protection Association)

Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)

Version Number: 3
 Preparation date: 2015-06-29

Reason for revision: Not applicable
 Prepared by: NAPRAC
 Additional advice: • Does not contain an added fragrance

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Diversey

Oxivir® Five 16 Concentrate

One-Step
Disinfectant
Cleaner



Dilutable, one-step disinfectant cleaner formulated with proprietary Hydrogen Peroxide technology.

Features

- One-step disinfectant cleaner
- Powered by AHP technology
- No VOCs, no added fragrance and no NPEs
- Environmentally responsible-active ingredient breaks down to oxygen and water

Benefits

- Disinfects in just 5 minutes
- Effective against Human Immunodeficiency Virus (HIV-1 (AIDS Virus)), Hepatitis C Virus, Poliovirus Type 1, Avian Influenza A, Pseudomonas aeruginosa, Staphylococcus aureus, Methicillin resistant Staphylococcus aureus (MRSA), Salmonella enterica, and Vancomycin-resistant Enterococcus faecium (VRE)
- Kills Norovirus and Canine Parvovirus
- Compatible with most hard, non-porous surfaces
- No rinsing required
- Delivers fast and effective cleaning

Applications

- Clean and disinfect high-touch surfaces in 5 minutes



* Note: not recommended for floors at disinfectant strength (1:16).

Oxivir® Five 16 Concentrate

One-Step Disinfectant Cleaner



Use Directions:*

- Spray surfaces and let solution remain on surface for a minimum of 5 minutes.
- Rinse or allow to air dry.
- Prepare a fresh solution if the solution becomes visibly dirty or diluted.

Dilutable Disinfectant Cleaner

- 1:16 dilution – Virucidal, Bactericidal, and Fungicidal, including antibiotic resistant bacteria, in 5 minutes.
- 1:128 dilution – Non-food contact sanitizer in 3 minutes or general purpose cleaning.
- 1:256 dilution – Floor and general purpose cleaner.

Note: Rinsing is not necessary unless floors are coated with finish or restorer.

All food contact surfaces must be rinsed with potable water. Do not use on glassware, utensils or dishes. Prior to first use on a particular surface, it is recommended to test in a small, discreet area if there is concern of incompatibility, or contact a Diversey Care representative.

* Not recommended for floors at dilution 1:16. Refer to product label for complete use instructions.

Product Specifications

Description	
EPA Reg. No.	70627-58
Color/Form	Colorless, liquid
pH	1.0 (Concentrate) 1.9 (Use Dilution 1:16)
Scent	Characteristic
Shelf Life	3 years

Available Items

Product Code	Description/Package Size	Dilution
4963314	4 x 1 gallon / 3.78 L Containers	1:16, 1:64, 1:128, 1:256
4963331	2 x 2.5 L / 84.5 oz. J-Fill® Bottles	1:16
4963357	2 x 1.5 L / 1.59 Qt. RTD® Units (Fill)	1:16, 1:64, 1:128, 1:256
5019296	2 x 1.4 L / 1.48 Qt. SmartDose™ Bottles	1:16 (Spray Bottle), 1:256 (Mop Bucket)
5271361	2 x 1.5 gallon / 5.67 L Command Center® Units	1:16, 1:64, 1:128, 1:256
D1222663	12 x 32 oz. / 946 mL Empty Spray Bottles	

SmartDose™ Icons



Spray
Bottle
1:16



Mop Bucket
1:256

Safety Reminder

Please make sure your employees read and understand the product label and Safety Data Sheet before using this product. The label contains directions for use, and both the label and SDS contain hazard warnings, precautionary statements and first aid procedures. SDSs are available on-line at www.sealedair.com or by calling 888 352 2249. Improper use or dilution may result in damage to surfaces and may result in health and physical hazards that match those of the concentrate. Please refer to the Diversey HazMat Library, only available through Internet Explorer, <http://naextranet.diversey.com/dot/>, for up to date shipping information.