



Oxivir Five 16 Concentrate (US)

Version Number: 4

Preparation date: 2017-02-01

1. IDENTIFICATION

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

- Disinfectant / Deodorizer / Sanitizer
- Industrial/Institutional
- 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.diversey.com>

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

2. HAZARDS IDENTIFICATION

Classification for the undiluted product

Serious eye damage/eye irritation Category 2B

Signal Word: Warning.

Hazard and Precautionary Statements

CAUSES EYE IRRITATION.

Wash thoroughly after handling. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention. SUPPLEMENTAL INFORMATION: DO NOT MIX WITH AMMONIA, BLEACH OR OTHER CHLORINATED COMPOUNDS. Mix only with water. Can react to release hazardous gases. May vigorously react with strong alkaline products resulting in spattering and excessive heat.

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).

Hazard and Precautionary Statements

None required.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Classified Ingredients

| 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: 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: IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel.
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.
Skin: No specific first aid measures are required
Inhalation: No specific first aid measures are required
Ingestion: IF SWALLOWED: Call a Poison Center (1-800-851-7145) or doctor/physician if you feel unwell.

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: Put on appropriate personal protective equipment (see Section 8.).
Environmental precautions and clean-up methods: Clean-up methods - large spillage. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes and clothing. Wash hands thoroughly with soap and water before eating, drinking, chewing gum, using tobacco or using the toilet and after handling product. Mix only with water. DO NOT MIX WITH AMMONIA, BLEACH, OR OTHER CHLORINATED COMPOUNDS. Can react to release hazardous gases. May vigorously react with strong alkaline products resulting in spattering and excessive heat. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
Storage: Keep tightly closed in a dry, cool and well-ventilated place.
Aerosol Level (if applicable): Not applicable.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

| Ingredient(s) | CAS # | ACGIH | OSHA |
|-------------------|-----------|---|--|
| 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:
 Good general ventilation should be sufficient to control airborne levels.

Personal Protective Equipment

| | |
|----------------------------------|---|
| Eye protection: | Safety glasses are not normally required. However, their use is recommended in those cases where handling the undiluted product involves a risk of splashing. |
| Hand protection: | If prolonged or repeated contact with skin may occur, wear chemical-resistant gloves. |
| 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:

Engineering measures to reduce exposure:
Good general ventilation should be sufficient to control airborne levels

| | |
|----------------------------------|--|
| 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 | Color: Colorless |
| Evaporation Rate: No information available | Odor: Characteristic |
| Odor threshold: No information available. | Boiling point/range: Not determined |
| Melting point/range: Not determined | Decomposition temperature: Not determined |
| Autoignition temperature: No information available | Solubility: Completely Soluble. |
| Solubility in other solvents: No information available | Relative Density (relative to water): 1.038 |
| Density: 8.66 lbs/gal 1.038 Kg/L | Vapor density: No information available |
| Bulk density: No information available | Vapor pressure: No information available. |
| Flash point (°F): > 200 °F > 93.4 °C | Partition coefficient (n-octanol/water): No information available |
| Viscosity: No information available | Elemental Phosphorus: 1.314 % by wt. |
| VOC: 8.32 % * | pH: 1.0 |
| Flammability (Solid or Gas): Not applicable | Corrosion to metals: Not corrosive |
| Sustained combustion: Not applicable | |
| Explosion limits: - upper: Not determined - lower: Not determined @ 1:16 | |
| Dilution pH: 2.3 (1:16) 1.9 > 200 °F > 93.4 °C | |
| VOC % by wt. at use dilution: 0.47 | |

* - 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 |
| Possibility of hazardous reactions: | May vigorously react with strong alkaline products resulting in spattering and excessive heat. |
| Hazardous decomposition products: | Oxygen. |
| Materials to avoid: | Strong bases. Ammonia. Do not mix with chlorinated products (such as bleach). Do not mix with any other product or chemical unless specified in the use directions. |
| Conditions to avoid: | No information available. |

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:
Skin contact, Eye contact, Inhalation, Ingestion

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

Skin contact: May be mildly irritating to skin.
Eye contact: Causes eye irritation.
Ingestion: May be harmful if swallowed.
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): 4100
ATE - Dermal (mg/kg): >5000
ATE - Inhalatory, mists (mg/l): >20

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available.

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

13. DISPOSAL CONSIDERATIONS

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

Waste from residues / unused products (undiluted product):

This product, as sold, if discarded or disposed, 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.

Waste from residues / unused products (diluted product):

This product, when diluted as stated on this SDS, 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.

Pesticide Storage:

Refer to product label.

Pesticide Disposal:

Refer to product label.

Container Disposal:

Refer to product label.

RCRA Hazard Class (undiluted product): D002 Corrosive Waste.

RCRA Hazard Class (diluted product): D002 Corrosive Waste.

14. TRANSPORT INFORMATION

DOT (Ground) Bill of Lading Description: NOT REGULATED

IMDG (Ocean) Bill of Lading Description: NOT REGULATED

15. REGULATORY INFORMATION

International Inventories at CAS# Level

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.

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 | | |

Canadian Regulations

16. OTHER INFORMATION

NFPA (National Fire Protection Association)

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

Health 1

Flammability 0

Instability 0

Diluted Product:

Health 0

Flammability 0

Instability 0

Version Number: 4

Preparation date: 2017-02-01

Reason for revision:

Not applicable

Prepared by:

NAPRAC

Additional advice:

• Does not contain an added fragrance

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