



Oxivir Five 16 Concentrate (US)

| HMIS | | NFPA | Personal protective equipment |
|-------------|---|------|---|
| Health | 2 | 2 |  |
| Fire Hazard | 0 | 0 | |
| Reactivity | 0 | 0 | |

Version Number: 7

Preparation date: 2011-04-08

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Oxivir Five 16 Concentrate (US)
MSDS #: MS0200107
Product Code: 4963314, 4963331, 4963357, 5019296, 5271361, 5285287
Recommended use: Industrial/Institutional. Disinfectant Cleaner. This product is intended to be diluted prior to use.

Manufacturer, importer, supplier:

US Headquarters
 Diversey, Inc.
 8310 16th St.
 Sturtevant, Wisconsin 53177-1964
 Phone: 1-888-352-2249
 MSDS Internet Address: www.diversey.com

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

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION. CAUSES EYE IRRITATION. MAY BE MILDLY IRRITATING TO SKIN. MAY BE HARMFUL IF SWALLOWED .

Principal routes of exposure: Eye contact. Skin contact. Inhalation. Ingestion.
Eye contact: Moderately irritating to the eyes.
Skin contact: May be mildly irritating to skin.
Inhalation: None known.
Ingestion: May be irritating to mouth, throat and stomach .

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredient(s) | CAS # | Weight % | LD50 Oral - Rat (mg/kg) | LD50 Dermal - Rabbit | LC50 Inhalation - Rat |
|-----------------------|-----------|------------|-------------------------|----------------------|------------------------------|
| 2-Hydroxybenzoic Acid | 69-72-7 | 0.1 - 1.5% | 891 | Not available | >0.9 mg/L (1 h) |
| Phosphoric acid | 7664-38-2 | 1 - 5% | 1530 | =2730 mg/kg | >850 mg/m ³ (1 h) |
| Hydrogen peroxide | 7722-84-1 | 1 - 5% | 801 | =2000 mg/kg | =2 mg/L (4 h) |

4. FIRST AID MEASURES

Eye contact: 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 eyes. Get medical attention immediately.
Skin contact: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes . If irritation persists, get medical attention.
Inhalation: If breathing is affected, remove to fresh air. Get medical attention immediately.
Ingestion: Call medical attendant, doctor, or poison control center immediately. 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. Never give anything by mouth to an unconscious person.

Notes to physician: Probable mucosal damage may contraindicate the use of gastric lavage.
Aggravated Medical Conditions: None known

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: The product is not flammable. Extinguish fire using agent suitable for surrounding fire.
Specific hazards: Not applicable
Unusual hazards: Decomposition releases oxygen, which may intensify fire .
Specific methods: No special methods required

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: 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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:
General room ventilation is adequate

Personal Protective Equipment

Eye protection: Chemical-splash goggles.
Hand protection: No special requirements under normal use conditions
Skin and body protection: No special requirements under normal use conditions
Respiratory protection: No special requirements under normal use conditions
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice

| Ingredient(s) | CAS # | ACGIH | OSHA | Mexico |
|-------------------|-----------|---|---|--|
| Phosphoric acid | 7664-38-2 | 3 mg/m ³ (STEL) 1 mg/m ³ (TWA) | 1 mg/m ³ (TWA) | 3 mg/m ³ (STEL) 1 mg/m ³ (TWA) |
| Hydrogen peroxide | 7722-84-1 | 1 ppm (TWA) | 1 ppm (TWA) 1.4 mg/m ³ (TWA) | 2 ppm (STEL) 3 mg/m ³ (STEL) 1 ppm (TWA) 1.5 mg/m ³ (TWA) |

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Appearance: Liquid Aqueous solution
Specific gravity: 1.038
Vapor density: No information available
Boiling point/range: Not determined
Decomposition temperature: Not determined
Solubility: Completely Soluble
Solubility in other solvents: No information available
Partition coefficient (n-octanol/water): No information available
Elemental Phosphorus: 1.314 % by wt.
pH: 1.0

Bulk density: No information available
Evaporation Rate: No information available
Color: Colorless
Odor: Characteristic
Melting point/range: Not determined
Autoignition temperature: No information available
Density: 8.65 lbs/gal Kg/L
Flash point: > 200 °F > 93.4 °C
Viscosity: No information available
VOC: 8 % *
Dilution pH: 1.9 @ 1:16

Explosion limits: - upper: Not determined - lower: Not determined

10. STABILITY AND REACTIVITY

| | |
|--|---|
| Stability: | The product is stable |
| Polymerization: | Hazardous polymerization does not occur |
| Hazardous decomposition products: | Oxygen. |
| Materials to avoid: | Oxidizing agents. |
| Conditions to avoid: | Do not freeze. |

11. TOXICOLOGICAL INFORMATION

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|-------------------------------|--|
| Acute toxicity: | Oral LD50 estimated to be > 2000 mg/kg. Dermal LD50 estimated to be greater than 5000 mg/kg. |
| Component Information: | See Section 3 |

| | |
|--------------------------|------------|
| Chronic toxicity: | None known |
|--------------------------|------------|

Specific effects

| | |
|-------------------------------|------------|
| Carcinogenic effects: | None known |
| Mutagenic effects: | None known |
| Reproductive toxicity: | None known |
| Target organ effects: | None known |

12. ECOLOGICAL INFORMATION

| | |
|-----------------------------------|--|
| Environmental Information: | 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 authority 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. |
|-----------------------------------|--|

13. DISPOSAL CONSIDERATIONS

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:

Pesticide product disposal requirements vary by package size and type. Pesticides include disinfectants and sanitizers. See product label for complete disposal instructions. Always dispose of according to all federal, state and local applicable regulations.

RCRA Hazard Class: D002

14. TRANSPORT INFORMATION

DOT/TDG/IMDG: Please refer to the Diversey HazMat Library, <http://naextranet.diverse.com/dot/>, for up to date shipping information.

DOT Bill of Lading Description: Disinfectants

IMDG 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

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

CERCLA/ SARA

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

SARA 311/312 Hazard Categories

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

16. OTHER INFORMATION

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

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