

MATERIAL SAFETY DATA SHEET



Oxivir Tb

| HMIS | | NFPA | Personal protective equipment |
|-------------|---|------|-------------------------------|
| Health | 0 | 0 | None / Aucune / Ninguno |
| Fire Hazard | 0 | 0 | |
| Reactivity | 0 | 0 | |

Version Number: 2

Preparation date: 2008-12-05

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Oxivir Tb
 MSDS #: MS0200014
 Product Code: 4277285, 4277293
 Recommended use: Disinfectant / Deodorizer / Sanitizer.

Manufacturer, importer, supplier:
 US Headquarters: JohnsonDiversey, Inc., 8310 16th St., Sturtevant, Wisconsin 53177-1964, Phone: 1-888-352-2249, MSDS internet Address: www.johnsondiverse.com
 Canadian Headquarters: JohnsonDiversey - Canada, Inc., 2401 Bristol Circle, Oakville, Ontario L6H 6P1, Phone: 1-800-668-3131

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

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Principle routes of exposure: Eye contact. Skin contact. Inhalation. Ingestion.
 Eye contact: None know n.
 Skin contact: None know n.
 Inhalation: None know n.
 Ingestion: None know n.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients

| Ingredient(s) | CAS # | Weight % | LD50 Oral - Rat (mg/kg) | LD50 Dermal - Rabbit | LC50 Inhalation - Rat |
|-------------------|-----------|------------|-------------------------|----------------------|-----------------------|
| Hydrogen peroxide | 7722-84-1 | 0.1 - 1.5% | 801 | =2000 mg/kg | 2 mg/L (4 h) |

4. FIRST AID MEASURES

Eye contact: Rinse with plenty of water.
 Skin contact: Rinse with plenty of water.
 Inhalation: No specific first aid measures are required.
 Ingestion: No specific first aid measures are required.
 Aggravated Medical Conditions: None know n.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Dry chemical, water spray, foam, carbon dioxide.
 Specific hazards: Not applicable
 Unusual hazards: None know n
 Specific methods: No special methods required

Special protective equipment for fire fighters: 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 applicable.

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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:

Handle in accordance with good industrial hygiene and safety practice. 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:

No special ventilation requirements.

Personal Protective Equipment

Eye protection:

No special requirements under normal use conditions.

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 |
|-------------------|-----------|-------------|--|--|
| 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) 1.5 mg/m ³ (TWA) 1 ppm (TWA) |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-------------------|--------------------------|--|---------------------------|
| Physical State: | Liquid | Bulk density: | No information available |
| pH: | 3 | Dilution pH: | No information available. |
| Appearance: | Aqueous solution | Vapor density: | No information available |
| Color: | Colorless | Evaporation Rate | No information available |
| Odor: | Characteristic | Boiling point/range: | Not determined |
| Specific gravity: | 1.01 | Melting point/range: | Not determined |
| Density: | 8.42 lbs/gal | Decomposition temperature: | Not determined |
| VOC: | 0.0% * | Autoignition temperature: | No information available |
| Flash point: | 200°F 93.3°C | Partition coefficient (n-octanol/water): | No information available |
| Solubility: | Completely Soluble | Solubility in other solvents: | No information available |
| Viscosity: | No information available | Elemental Phosphorus: | 0.12% by w t. |

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

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

10. STABILITY AND REACTIVITY

| | |
|-----------------------------------|---|
| Stability: | The product is stable |
| Polymerization: | Hazardous polymerization does not occur |
| Hazardous decomposition products: | None reasonably foreseeable. |

11. TOXICOLOGICAL INFORMATION

| | |
|------------------------|--|
| Acute toxicity: | Oral, 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 |

Hazardous ingredients

| Ingredient(s) | CAS # | NTP | IARC | OSHA |
|-------------------|-----------|-----|------|------|
| Hydrogen peroxide | 7722-84-1 | | 3 | |

12. ECOLOGICAL INFORMATION

12. ECOLOGICAL INFORMATION

Environmental Information: No data available

13. DISPOSAL CONSIDERATIONS

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

Waste from residues / unused products:

PESTICIDAL WASTE - Observe all applicable Federal/Provincial/State regulations and Local/Municipal ordinances regarding disposal of pesticide wastes.

Pesticide Storage:

Store in original container in areas inaccessible to children. Open dumping is prohibited. Do not reuse empty container

Pesticide Disposal:

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law

Container Disposal:

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate, or, if allowed by State and local authorities burn. If burned, stay out of smoke

14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION

International Inventories

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Australia (AICS), Korea (ECL), Philippines (PICCS), New Zealand (NZIoC), Canada (DSL), Canada (NDSL), China (IECSC), TSCA 12B.

U.S. Regulations

EPA Reg. No.: 70627-56

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 TPO (lbs) | Section 313 |
|-------------------|-----------|------------|----------------------|-----------------------|-------------|
| Hydrogen peroxide | 7722-84-1 | 0.1 - 1.5% | | 1000 | |

SARA 311/312 Hazard Categories

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

16. OTHER INFORMATION

Reason for revision: Not applicable
Prepared by: NAPRAC
Additional advice: None

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