



SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

| | | | |
|----------------------|--|-------------------------|------------------|
| Manufacturer: | Ver-tech Solutions & Service 6801 Bleck Drive Rockford, MN 55373 763-577-4050 | Product Name: | Oxygen Destainer |
| | | Product Code: | VSS057 |
| | | Recommended Use: | Laundry |
| | | Revision Date: | 4/28/2015 |

Chemical Emergency: Infotrac: 1-800-535-5053

SECTION 2: HAZARDS IDENTIFICATION

GHS Hazard Classification

| | |
|-----------------------------------|------------|
| Skin Corrosion/Irritation | Category 1 |
| Serious Eye Damage/Eye Irritation | Category 1 |
| Oxidizing Liquids | Category 3 |

Signal Word**DANGER!****Hazard Statements**

Causes severe skin burns and eye damage
Causes serious eye damage
May intensify fire; oxidizer

Precautionary Statements - Prevention

Do not breathe dust/fume/gas/mist/vapors/spray
Wash thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Keep away from heat.
Store away from combustible materials
Take any precaution to avoid mixing with combustibles

Precautionary Statements - Response

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
IF ON SKIN (or hair): Remove all contaminated clothing. Rinse skin with water/shower
Wash contaminated clothing before reuse
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Get Medical advice/attention if you feel unwell
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
In case of fire: Use extinguishing media as outlined in Section 5.

Precautionary Statements - Storage

Store locked up.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

SECTION 3: INFORMATION ON HAZARDOUS INGREDIENTS

*Product is a mixture according to 29 CFR 1910.1200.***Hazardous Components**

| Hazardous Ingredients | Cas # | Weight % |
|-----------------------|-----------|----------|
| Hydrogen Peroxide | 7722-84-1 | 10 - 25% |

Specific chemical identity and/or exact percentage of components has been withheld in accordance with a trade secret claim according to Appendix E 29 CFR 1910.1200.

SECTION 4: FIRST-AID MEASURES**First Aid Measures**

- General Advice:** Keep out of reach of children. Use with care.
- Eye Contact:** Immediately flush with cool running water for at least 15 minutes while holding eyelids apart. Do not rub affected area. Remove contact lenses if applicable.
- Skin Contact:** Wash off immediately with soap and water while removing all contaminated clothes and shoes.
- Ingestion:** If swallowed, call immediately for emergency medical assistance. DO NOT induce vomiting. Rinse mouth with water and drink 1-2 glasses of water. Never give anything by mouth to an unconscious person.
- Inhalation:** Remove to fresh air.

Most Important Symptoms and Effects

- Symptoms:** Severe burns to eyes, skin, and respiratory tract.

Indication of any immediate medical attention and special treatment needed

- Note to Physician:** Product is a corrosive material. Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES**Flammable Properties**

- Flammability:** Nonflammable, noncombustible solution, but a powerful oxidizer.
- Explosive Prop:** Strong oxidizing agent; dangerous fire and explosion risk when in contact with combustible materials.

Extinguishing Media

- Suitable:** Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).
- Unsuitable:** No information available.

Specific Hazards Arising from Chemical

- Hazards:** Oxidizing substance. Non-combustible, but will support combustion of other materials.

Protective equipment and precautions for fire-fighters

- Fire-Fight Method:** In the event of a fire, fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Evacuate personnel to safe areas. Isolate hazard area and deny entry. Stay upwind of spill/leak. Use personal protective equipment. Avoid contact with skin, eyes or clothing.
- Environ. Precautions:** Prevent release to the environment if possible. Dike large spills to prevent material from entering streams or sewer systems.
- Clean-Up Method:** Soak-up with inert absorbent material and place into appropriate container for disposal. Clean contaminated area thoroughly with water. Prevent product from entering drains.

SECTION 7: HANDLING AND STORAGE

- Handling:** Use personal protective equipment when needed. Avoid contact with skin, eyes, and clothing. Wash hands before eating, drinking, or smoking. Remove contaminated clothes and wash before reuse. Use in a ventilated area.
- Storage:** Store in closed containers in cool, dry, well-ventilated area. Avoid overheating or freezing. Keep in properly labeled containers and out of reach of children.
- Incomp. Materials:** Reducing agents, strong bases, organics, combustible material, and oxidizing materials. Avoid heating this solution.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION**Exposure Guidelines**

| Hazardous Chemical | TLV - TWA | TLV - STEL |
|--------------------|-----------|--------------------------|
| Hydrogen Peroxide | 1 ppm | No information available |

Appropriate Engineering Controls

- Eng. Controls:** Ensure adequate ventilation, especially in confined areas.

Personal Protection Equipment (PPE)

Eyes: Recommend safety goggles or shield.
Respiratory: Not usually necessary where ventilation is sufficient to maintain vapors under the TLV limit.
Skin: Avoid skin contact. Recommend chemical resistant gloves.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

| | | | |
|--------------------------|--------------------------|----------------------------|----------------|
| Physical State: | Liquid | Freezing Point: | Not determined |
| Appearance: | Clear Liquid | Boiling Point: | Not determined |
| Color: | Colorless | Evaporation Rate: | Not determined |
| Odor: | Slightly acrid odor | Vapor Pressure: | Not determined |
| Odor Threshold: | No information available | Vapor Density: | Not determined |
| pH: | 2 - 4 | Relative Density: | Not determined |
| Flash Point: | Not determined | Flammability: | Not determined |
| Water Solubility: | Soluble in water | Explosive Limits: | Not determined |
| Viscosity: | Not determined | Part. Coefficient: | Not determined |
| Specific Gravity: | 1.07 - 1.09 | Auto-ignition Temp: | Not determined |
| Melting Point: | Not determined | Decomp. Temp: | Not determined |

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Haz. Decomposition: Oxygen, which will support combustion.
Haz. Polymerization: No information available.
Incompatibilities: Reducing agents, strong bases, organics, combustible material, and oxidizing materials. Avoid heating this solution.
Conditions to Avoid: Exposure to heat and incompatibles.

SECTION 11: TOXICOLOGY INFORMATION**Component Information**

| Hazardous Chemical | LD50 Oral | LD50 Dermal |
|--------------------|-----------------|------------------|
| Hydrogen Peroxide | 841 mg/kg (rat) | 3000 mg/kg (rat) |

Potential Health Effects

Exposure Routes: Eye Contact, Dermal Contact, Ingestion, Inhalation

Acute Toxicity:

Eyes: Causes eye irritation with tearing, redness, and impaired vision.
Skin: Causes skin irritation, redness, and itching. May cause chemical burns.
Ingestion: Harmful if swallowed. Corrosive to mucous membranes, esophagus and stomach.
Inhalation: Respiratory irritant.

Chronic Effects: Avoid repeated exposure. May aggravate pre-existing medical conditions including eye, skin and respiratory disorders.

Carcinogenicity: Not listed as a carcinogen by OSHA, NTP or IARC.

SECTION 12: ECOLOGICAL INFORMATION**Ecotoxicity**

| Hazardous Chemical | Toxicity to Fish | Toxicity to Invertebrates |
|--------------------|-------------------------|-----------------------------|
| Hydrogen Peroxide | 42 mg/L (48 hour, carp) | 2.4 mg/L (48 hour, Daphnia) |

Environmental Toxicity

Biodegradation: No information available.
Persistence: No information available.
Bioaccumulation: No information available.
Mobility: No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Recover or recycle if possible. Disposal should be in compliance with applicable federal, state, and local regulations. Do not dispose of in the environment, in sewage, and/or in drains.

Container: Drain contaminated container thoroughly. Triple rinse containers.

SECTION 14: TRANSPORT INFORMATION

Transport in accordance with all federal, state, and local regulations.

DOT

Proper Name: Hydrogen Peroxide, Aqueous Solution
Hazard Class: 5.1
UN Number: UN2984
Packing Group: III
Special Provisions: Based on package size, product may be eligible for limited quantity exception.

SECTION 15: REGULATORY INFORMATION**US Federal Regulations**

TSCA Status: All components of this product are listed or exempt from listing on TSCA inventory.
CERCLA Reportable Quantity: Not applicable

Section 311/312 Hazard Category

Acute Health Hazard: No
Chronic Health Hazard: No
Fire Hazard: No
Sudden Release of Pressure Hazard: No
Reactive Hazard: No

Section 313 Toxic Chemicals None

SECTION 16: OTHER INFORMATION

Prepared by: Health and Safety Department
Contact Number: 763-577-4050
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Version: I

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End of Safety Data Sheet