

Oxy Power

SDS Number: FG3128

Revision Date: 7/29/2013

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GHS Phrases:

- H314 - Causes severe skin burns and eye damage
- H303 - May be harmful if swallowed
- H333 - May be harmful if inhaled
- H272 - May intensify fire; oxidizer

GHS Precautionary Statements:

- P304 - IF INHALED: Move individual to fresh air and contact a physician. Seek immediate medical attention.
- P305 - IF IN EYES: Flush eyes with plenty of water. If redness persists, seek medical attention.
- P302+352 - IF ON SKIN: Wash with soap and water.
- P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Seek medical attention immediately.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Percentage	Chemical Name
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7722-84-1	15-20%	Hydrogen peroxide
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The chemical identity and/or exact percentages of the above listed components are being withheld as a trade secret (CBI).

4 FIRST AID MEASURES

- Inhalation:** If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
- Skin Contact:** Promptly flush skin with soap and water until all chemical is removed.
- Eye Contact:** Flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Contact a physician if redness persists.
- Ingestion:** Give 1-2 glasses of water. Do not induce vomiting. Get medical advice. Do not give anything by mouth to an unconscious or convulsing person.

Effects and symptoms:

Ingestion: Can cause damage to the mucous membranes. Potentially fatal if swallowed.

Inhalation: Causes severe irritation to the nose, throat, and respiratory tract.

Skin Contact: Causes permanent skin damage and burns.

Eye Contact: Causes severe burns; can result in loss of vision.

5 FIRE FIGHTING MEASURES

Flash Point: Not available.

Flash Point Method: N/A

Extinguishing Media: Use water spray, carbon dioxide, or Halon.

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5 Unsuitable Extinguishing Media: Do not use dry chemicals or foams.

Hazardous Combustion Products: None known.

Special Exposure Hazards: Releases oxygen when decomposing, which could intensify fire.

Special protective equipment: Full protective clothing and approved self-contained breathing apparatus required for fire fighting personnel.

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ACCIDENTAL RELEASE MEASURES

Personal Precautionary Measures: Use appropriate protective equipment. (See Section 8.) Do not get into eyes, skin, or clothing. Wear respiratory protection. Avoid breathing vapors. Ensure adequate ventilation.

Environmental Precautionary Measures: Do not empty into drains.

Methods and Materials for Containment and Cleanup: Neutralize area with 5% sodium sulfite solution. Soak up residue with an absorbent such as clay or sand. Place in a non-leaking container for proper disposal according to Federal, State, and Local regulations. Do not discharge into waterways or sewage systems.

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HANDLING AND STORAGE

Handling Precautions:

Use in a well-ventilated area. Do not breathe vapors. Do not get on skin, eyes, or clothing.

Storage Requirements:

Keep from freezing. Store between 50 and 80 degrees F. Keep container closed and in a well-ventilated area.

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

Use in well ventilated area.

Personal Protective Equip:

HMIS PP, C | Safety Glasses, Gloves, Apron

Use good chemical hygiene practice. Avoid contact with skin, eyes, and clothing. Avoid inhalation of vapors.

Exposure Limits:

USA OSHA (TWA₅)/PEL): Not available.

ACGIH (TWA/TLV): Not available.

Respiratory Protection: Follow OSHA respirator guidelines found in 29 CFR 1910.134.

Ventilation: Provide local exhaust ventilation.

Protective Gloves: Wear chemical resistant protective gloves.

Eye Protection: Wear chemical safety goggles.

Other Protective Equipment: Wear long-sleeved clothing and apron.

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colorless Liquid	Odor:	None
Physical State:	Liquid	Solubility:	Soluble in water.
Odor Threshold:	Not available.	Freezing/Melting Pt.:	Not available.
Spec Grav./Density:	1.07	Flash Point:	N/A
Viscosity:	Not available.	Vapor Density:	Not available.
Boiling Point:	212 F	Auto-Ignition Temp:	Not available.
Flammability:	Not available.		
Partition Coefficient:	Not available.		
Vapor Pressure:	Not available.		
pH:	5		
Evap. Rate:	Soluble in Water		
Decomp Temp:	Not available.		

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STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	Moisture and excessive heat.
Materials to Avoid:	Avoid contact with all organic materials, acids, magnesium, aluminum, zinc, tin, chromium, brass and bronze.
Hazardous Decomposition:	Oxygen
Hazardous Polymerization:	Will not occur.

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TOXICOLOGICAL INFORMATION

Carcinogenicity: Not considered a carcinogen by IARC, NTP, or OSHA.
 Target organ effects: Not available.
 Chronic Effects: Not determined.

Acute Toxicity Values:

Oral (LD 50): No data available.

Inhalation (LC 50): No data available.

IMMEDIATE (ACUTE) EFFECTS:

Ingestion: Can cause damage to the mucous membranes. Potentially fatal if swallowed.

Inhalation: Causes severe irritation to the nose, throat, and respiratory tract.

Skin Contact: Causes permanent skin damage and burns.

Eye Contact: Causes severe burns; can result in loss of vision.

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ECOLOGICAL INFORMATION

Ecotoxicity: Not Available
 Products of Biodegradation: Not Available
 Toxicity of the Products of Biodegradation: Not Available
 Bioaccumulative potential: No data available.

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13 DISPOSAL CONSIDERATIONS

Empty Containers: If empty container retains product residue, all label precautions must be observed. Dispose of unused product prior to disposing of empty container.

Disposal Considerations of Substance: Do not discharge into waterways or sewage systems. Transport with all closures in place. Return for reuse or dispose of according to national, local, and state regulations.

14 TRANSPORT INFORMATION

DOT Class: Oxidizer (5.1) #5.1

UN #: UN 2984, Class: 5.1, Proper Shipping Name: Hydrogen peroxide, aqueous solutions with not less than 8 percent but less than 20 percent hydrogen peroxide (stabilized as necessary), PG III

Marine Pollutant: Not determined.



15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Hydrogen peroxide (7722841 15-20%) EHS302, MASS, NJHS, OSHAPSM, OSHAWAC, PA, TSCA, TXAIR

REGULATORY KEY DESCRIPTIONS- Material contains the above listed component(s) considered hazardous according to the following:

TSCA = Toxic Substances Control Act
MASS = MA Massachusetts Hazardous Substances List
PA = PA Right-To-Know List of Hazardous Substances
EHS302 = Extremely Hazardous Substance
NJHS = NJ Right-to-Know Hazardous Substances
OSHAPSM = OSHA Chemicals Requiring process safety management
OSHA WAC = OSHA Workplace Air Contaminants
TXAIR = TX Air Contaminants with Health Effects Screening Level

SARA TITLE III SECTION 313:

This product contains the above toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372.

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