



SECTION 1 - IDENTIFICATION

Product: DRAIN OXY

Recommended use of the chemical and restrictions on use:

Uses: Hydrogen Peroxide drain cleaner.
List of advices against: Not available.

Details of the supplier of the Safety Data Sheet:

OMEGA INDUSTRIALSUPPLY, INC.
 1133 W 27TH STREET.
 CHEYENNE WY 82001
 T 800-571-7347

Emergency Telephone Number (CHEMTREC): North America: 1-800-424-9300

SECTION 2 – HAZARD IDENTIFICATION

Classification: Acute Toxicity - Oral: 4
 Skin Corrosion/Irritation: 1C
 Eye Damage/Irritation: 1
 Oxidizing Liquid: 1

Signal Word: Danger.

Hazard Statements: Harmful if swallowed.
 Causes severe skin burns and eye damage.
 May cause fire or explosion; Strong oxidizer

Pictograms:



Precautionary Statements:

Prevention: Wash hands and all exposed skin thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/face protection.
 Do not breathe dusts or mists.
 Use only outdoors or in a well-ventilated area.
 Do not eat, drink, or smoke when using this product.
 Keep away from heat.
 Keep/Store away from clothing and other combustible materials.
 Take any precaution to avoid mixing with combustibles/flammables.
 Wear fire/flame resistant/retardant clothing.

Response: If swallowed: Call a poison center/doctor/hospital.
 Rinse mouth.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If inhaled: Remove person to fresh air and keep comfortable for breathing.

If on clothing: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.

In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

Storage: Store locked up.

Disposal: Dispose of contents/container to approved waste disposal plant in accordance with federal, state, and local regulations.

Other Hazards: None known.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Percent Weight
Hydrogen Peroxide	7722-84-1	10-15

SECTION 4 – FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water for at least 15-20 minutes, forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. Get medical attention immediately.

Skin Contact: Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing. Wash clothing and shoes before reuse. Get medical attention immediately.

Inhalation: Get medical attention immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Ingestion: Get medical attention immediately. Do not induce vomiting. If victim is conscious and alert, give large amounts of water. Discontinue water if victim feels like they may vomit. Never give anything by mouth to an unconscious person. Keep head low in case of vomiting to keep material from entering lungs.

Most Important Symptoms and Effects:

Acute: May be harmful if swallowed. Causes severe skin burns and eye damage.

Delayed: Prolonged or repeated skin contact can cause dermatitis or skin damage.

Indication of Any Immediate Medical Attention and Special Treatment Needed: None known.

SECTION 5 – FIREFIGHTING MEASURES

Extinguishing Media: Product is nonflammable. Use dry chemical, carbon dioxide, water spray, or alcohol resistant foam as appropriate for surrounding fire. Flood spills with water to dilute.

Specific Hazards Arising From the Substance or Product: Heating may produce oxygen.

Hazardous Combustion Products: Heat of combustion may liberate oxygen.

Protective Equipment and Precautions for Firefighters: Wear a self-contained breathing apparatus in pressure- demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: Avoid contact with skin and eyes. Wear protective clothing.

Environmental Precautions: Product is safe for use in drains and sewers when used as directed. However, accidental spills, especially of high volumes, should be kept out of sewers and drains. Spills should be diked and absorbed.

Methods and Materials for Containment and Cleaning Up: Neutralize spill with sodium bicarbonate or lime. Absorb in vermiculite, dry sand, or other non-organic material, and place in containers. Collect and reclaim or dispose of in sealed containers in a licensed waste facility. Containers with spillage must be properly labeled with correct contents and hazard symbol.

SECTION 7 – HANDLING AND STORAGE

Precautions for Safe Handling: Avoid spilling, skin, and eye contact. Wash thoroughly after handling. Use only with adequate ventilation. For industrial or professional use only. Do not cut or weld empty container. KEEP OUT OF REACH OF CHILDREN.

Conditions for Safe Storage: Store in a cool dry place. Store container tightly closed. Store separately from metals, or combustible materials.

Incompatibilities: Metals, organic materials.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits and Recommendations:

Chemical Name	OSHA PEL	ACGIH TLV	Other Exposure Limits
Hydrogen Peroxide	1 ppm	1 ppm	Not listed

Engineering Controls: Normal ventilation.

Personal Protection Measures:

Respiratory Protection: Normally not needed. Use NIOSH approved filter for organic vapor/acid gas if needed.

Skin and Body: Chemical apron and gloves.

Eye Protection: Safety glasses/goggles. Face shield as needed.

Other Recommendations: None.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Clear colorless liquid with no odor.

Odor Threshold: Not determined.

pH:	4-6.	
Freezing Point:	Not determined.	
Boiling Point:	212°F	
Flash Point:	None.	
Evaporation Rate (BUAC=1):	Slower.	
Flammability:	Product is not flammable.	
Flammability or Explosion Limits:	Upper: Not applicable.	Lower: Not applicable.
Vapor Pressure:	Not determined.	
Specific Gravity:	1.030	
Solubility in Water:	Complete.	
Solubility in Other Solvents:	Not determined.	
Partition Coefficient (n-octanol/water):	Not determined.	
Auto-ignition Temperature:	Not determined.	
Decomposition Temperature:	Not determined.	
Viscosity:	Not determined.	
Other Information:	Not determined.	

SECTION 10 – STABILITY AND REACTIVITY

Reactivity:	No dangerous reaction known under conditions of normal use.
Chemical Stability:	Stable under normal temperature conditions and recommended use.
Possible Hazardous Reactions:	Not available.
Conditions to Avoid:	Contact with incompatible materials. Store out of direct light.
Incompatible Materials:	Metals, organic materials.
Hazardous Decomposition Products:	None.

SECTION 11 – TOXICOLOGICAL INFORMATION

Routes of Exposure:

Inhalation	Ingestion	Skin	Eye
		X	X

Physical, Chemical and Toxicological Effects:

Symptoms: Severe burns to skin and eyes. May be harmful if swallowed. May be harmful if inhaled.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure:

Sensitization:	Not a skin sensitizer.
Germ Cell Mutagenicity:	Not classified.
Carcinogenicity:	No components of this product are listed by NTP or OSHA. Hydrogen Peroxide - IARC group 3 – Not classifiable as to its carcinogenicity to humans
Reproductive Toxicity:	Not classified.
Specific Target Organ Toxicity:	Not classified.

Numerical Measures of Toxicity:

Product: Not determined.

Component:

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Hydrogen Peroxide	2000 mg/kg (mouse)	4060 mg/kg (rat)	2000 mg/kg - 4 hr

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: Fish: Carp LC50 = 42.0 mg/L; 48 hr
Persistence and Degradability: Not expected to persist in the environment.
Bioaccumulation: Not expected to bioaccumulate.
Mobility: Not available.
Other Adverse Effects: None known.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Treatment Methods:

Disposal of Wastes: Dispose of product in accordance with local, state, and federal regulations.

Contaminated Packaging: Empty containers should be triple rinsed and taken to an approved waste handling site for recycling or disposal.

Other Information: None.

SECTION 14 – TRANSPORTATION INFORMATION

DOT:

UN Number: UN 2984
Proper Shipping Name: Hydrogen Peroxide, Aqueous Solution.
Hazard Class: 5.1
Packing Group: III

SECTION 15 – REGULATORY INFORMATION

US Federal Regulations:

TSCA: All ingredients of this product are listed in the TSCA inventory.
SARA 313: This product contains the following chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and Title 40 CFR 372.

Chemical Name	CAS Number	Percent Weight
None		

US State Regulations:

California: This product contains the following chemical or chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm: None.

SECTION 16 – OTHER INFORMATION

Issue Date: April 2, 2016

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Health	Flammability	Reactivity	Personal Protection
1	0	1	C

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