



# SAFETY DATA SHEET

## Oxygen USP

PART NO: S232-100-001 Rev A  
SDS DATE: August 7, 2015

### SECTION 1: PRODUCT & COMPANY IDENTIFICATION

Product Name: Oxygen USP  
Product Use: Healthcare  
Product Codes: Oxygen  
  
Manufacturer: Allied Healthcare Products, Inc. – Life-O-Gen Division  
Address: 1720 Sublette Avenue, St. Louis, MO 63110  
  
Emergency Phone: 800-424-9300  
CHEMTREC Phone: 800-262-8200  
Other Calls: N/A  
FAX: 314-268-1767  
Restrictions on use: N/A

### SECTION 2: HAZARDS IDENTIFICATION



Primary hazard: Oxidizer  
Physical Hazards: Oxidizer, compressed gas  
Environmental Hazards: N/A  
Hazard Statements: N/A  
Signal Word: Danger

### SECTION 3: COMPOSITION & INFORMATION ON INGREDIENTS

INGREDIENT	CAS NO.	%WT	% VOL	SARA 313 REPORTABLE
Oxygen gas	7782-44-7	N/A	99%	N/A

### SECTION 4: FIRST AID MEASURES

Move victim to fresh air.

### SECTION 5: FIRE-FIGHTING MEASURES

#### NFPA Hazard Classification:

Health: 3  
Flammability: 0  
Reactivity: 0  
Other: OX

Extinguishing Media: Dry chemical or CO<sub>2</sub>  
Special Fire-fighting Procedures: Normal  
Unusual Fire & Explosion Hazards: Normal  
Hazardous Decomposition Products: N/A

### SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: N/A  
Environmental Precautions: No hazard  
Recovery: N/A



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#### SECTION 7: HANDLING & STORAGE

Handling: Do not drop cylinders. Avoid contact with energized equipment. Avoid contact with oil and grease.  
Storage: Store in a well-ventilated area away from combustible materials and flammable gases.

#### SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION

Engineering controls: N/A  
Respiratory Protection: N/A  
Eye Protection: N/A  
Skin Protection: N/A  
Hygiene: N/A

#### OCCUPATIONAL EXPOSURE LIMITS (EH 40):

Component	ACGIH TLV (mg/m <sup>3</sup> )	OSHA PEL (mg/m <sup>3</sup> )
Oxygen gas	N/A	N/A

#### SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

Physical State: Compressed gas  
Appearance: Colorless  
Odor: None  
Boiling Point: -297.4°F  
Vapor Pressure (mmHg): 760  
Vapor Density: 1.1053  
Melting Point: N/A  
Specific Gravity (H<sub>2</sub>O = 1): 1.1053  
pH as Supplied: N/A  
Solubility in Water: Slight  
Evaporation Rate (Butyl Acetate=1): <1  
% Vaporizable by volume (H<sub>2</sub>O=100): N/A

#### SECTION 10: STABILITY & REACTIVITY

Stability: Unstable  
Conditions to Avoid (stability): Storage over 130°F  
Incompatibility (material to avoid): Incompatible with any combustible materials  
Decomposition or Byproducts: N/A  
Hazardous Polymerization: Will not occur

#### SECTION 11: TOXICOLOGICAL INFORMATION

This product is not listed by the National Toxicology Program (NTP) or International Agency for Research on Cancer (IARC); Refer to Section 15

#### SECTION 12: ECOLOGICAL INFORMATION

No data available; Refer to Section 15

#### SECTION 13: DISPOSAL CONSIDERATIONS

RCRA Hazard Class: Non-hazardous as defined by Resource Conservation and Recovery Act (RCRA) 40 CFR 261



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#### SECTION 14: TRANSPORT INFORMATION

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Transport Classification: OXIDIZER  
Proper Shipping Name: OXYGEN  
UN Number: 1072  
Hazard Class: 2.2  
Packing Group:  
Label Statement: 2.2, 5.1

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#### SECTION 15: REGULATORY INFORMATION

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U.S. Federal Regulations:	
TSCA (Toxic Substance Control Act):	No
CERCLA (Comprehensive Response Compensation & Liability Act):	No
SARA Title III (Superfund Amendments & Reauthorization Act):	No
Section 302 Extreme Hazardous Substance List:	No
311/312 Hazard Categories:	No
313 Reportable Ingredients:	No
State Regulations:	No
International Regulations:	No

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#### SECTION 16: OTHER INFORMATION

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##### DISCLAIMER:

The information in this safety sheet is based on best knowledge available at the time and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular application. As the specific conditions of use are outside the control of the supplier, the user is responsible for ensuring that the product is used in a safe manner and the requirements of relevant legislation are complied with.

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