

**Material Safety Data Sheet**

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.

**U.S. Department of Labor**

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

Identity (As Used on Label and List) <b>OXYGEN</b>	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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**SECTION I**

Supplier's Name <b>Bernz-O-matic</b>	Emergency Telephone Number <b>585-798-4949</b>
Address <i>Number, Street, City, State and ZIP Code</i>  <b>One BernzOmatic Drive Medina, NY 14103</b>	Telephone Number for Information <b>585-798-4949</b>
	Date Prepared <b>June 11, 2008</b>
	Signature of Preparer (Optional)

**SECTION II - Hazardous Ingredients / Identity Information**

Hazardous Components <i>Specific Chemical Identity, Common Name(s)</i> <b>OXYGEN (gas) CAS NO. 7782-44-7</b>	OSHA PEL <b>N/A</b>	ACGIH TLV <b>N/A</b>	Other Limits Recommended <b>N/A</b>	% (optional) <b>100</b>
NFPA HAZARD RATINGS <b>Health -0 Flammability -0 Reactivity -0</b>	HMIS RATINGS <b>Health -0 Flammability -0 Reactivity -0</b>			
Special Hazard -Oxy				

Notes:

**SECTION III - Physical / Chemical Characteristics**

Boiling Point <b>-297.3° F</b>	Specific Gravity (H <sub>2</sub> O - 1) <b>@ 70° F 1 ATM 1.1049</b>
Vapor Pressure (mm Hg) <b>N/A</b>	Melting Point <b>N/A</b>
Vapor Density (AIR=1) <b>@ 70° F 1 ATM 0.08279 Lb./Cu.Ft.</b>	Evaporation Rate Butyl Acetate -1) <b>N/A</b>
Solubility in Water <b>0.0489 @ 32° F</b>	
Appearance and Odor <b>Odorless, Colorless Gas</b>	

**SECTION IV - Fire and Explosion Hazard Data**

Flash Point (Method Used) <b>Non-Flammable</b>	Flammable Limits	LEL <b>N/A</b>	UEL <b>N/A</b>
Extinguishing Media <b>Stop flow of oxygen</b>			
Special Fire Fighting Procedures <b>None</b>			
Unusual Fire and Explosion Hazards <b>Supports Combustion</b>			

**SECTION V - Reactivity Data**

Stability → <b>Unstable</b> <b>Stable X</b>	Conditions to Avoid <b>Avoid exposure to combustible products.</b>
Incompatibility (Materials to Avoid) <b>N/A</b>	
Hazardous Decomposition or Byproducts <b>None</b>	
Hazardous Polymerization → <b>May Occur</b> <b>Will Not Occur X</b>	Conditions to Avoid <b>N/A</b>

**SECTION VI - Health Hazard Data**

Routes of Entry →	Inhalation? <b>YES</b>	Skin? <b>YES</b>	Ingestion? <b>NO</b>
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Health Hazards (Acute and Chronic)

**Non toxic. Has tonic effect on humans.**

Carcinogenicity →	NTP? <b>NO</b>	IARC Monographs? <b>NO</b>	OSHA Regulated? <b>NO</b>
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Signs and Symptoms of Exposure

**N/A**

Medical Conditions Generally Aggravated by Exposure

**N/A**

Emergency and First Aid Procedures

**N/A**

Warning

**This fuel, and byproducts of combustion of this fuel, contain chemicals known to the State of California to cause cancer, birth defects, and other reproductive harm.****SECTION VII - Precautions for Safe Handling and Use**

Steps to be Taken in Case Material is Released or Spilled

**N/A**

Waste Disposal Method

**Vent to atmosphere in flame free area.**

Precautions to be Taken in Handling and Storing

**Store at temperatures below 120° F away from highly combustible material.**

Other Precautions

**None****SECTION VIII - Control Measures**

Respiratory Protection (Specify Type)

**N/A**

Ventilation →	Local Exhaust <b>N/A</b>	Mechanical (General) <b>N/A</b>	Special <b>N/A</b>	Other <b>N/A</b>
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Protective Gloves

**Not required**

Eye Protection

**Not required**

Other Protective Clothing or Equipment

**Not required**

Work / Hygienic Practices

**N/A****SECTION IX - Shipping Information**

WHMIS Classification: CP - Consumer Product		Class: 2.2 Class A: Compressed Gas	Class C: Oxidizing Material
DOT	Proper Shipping Name Oxygen, Compressed	Hazard Classification Oxidizer, Non Flammable Gas*	UN. No. 1072

\* May use single yellow diamond with word Oxygen and No. 2.