



Global Support Of Life<sup>SM</sup>  
 Chemetron® ♦ Gomco® ♦ NCG ♦ Lif-O-Gen®

1720 Sublette Avenue  
 St. Louis, MO 63110-1968  
 314-771-2400  
 314-268-1767

# MATERIAL SAFETY DATA SHEET

## Section 1 - Identity Of Material

Product Name Or Name		Oxygen U.S.P.					
Synonyms		Oxygen					
Formula		O2	CAS Number	None	Chemical Family	Oxidizer	
Regulated	D.O.T. Proper Shipping Name			Oxygen U.S.P.			
Identification	Shipping I.D. Number	UN 1072	EPA Hazardous Waste I.D. Number		None		
Hazardous Ingredients					%	CAS Number	
Oxygen					99	None	

## Section 2 - Hazard Specifications

Known Hazards Under 29 CFR 1910 1200						TLV = Life Supporting		ppm. N/A mg/m <sup>3</sup>			
		Yes	No			Yes	No	PEL = N/A			
Combustible Liquid			X	Skin Hazard			X	NFPA HAZARD SIGNAL			
Flammable Material			X	Eye Hazard			X				
Pyrophoric Material			X	Toxic Agent			X	Health	N/A	Flammability	N/A
Explosive Material			X	Highly Toxic Agent			X	Stability	N/A	Special	N/A
Unstable Material			X	Sensitizer			X	D.O.T. Hazard Class Oxidizer			
Water Reactive Material			X	Carcinogen			X				
Oxidizer	X			Reproductive Toxin			X				
Organic Peroxide			X	Blood Toxin			X	EPA Hazard Waste Class N/A			
Corrosive Material			X	Nervous System Toxin			X				
Compressed Gas	X			Lung Toxin			X				
Irritant			X	Liver Toxin			X				
				Kidney Toxin			X				

## Section 3 - Safe Usage Data

Protective Equipment Types		Ventilation	
Eyes	N/A	General Mechanical	Desirable
Respiratory	N/A	Local Exhaust	Required
Gloves	N/A		
Other	None		
Precautions			
Handling & Storage	Store in well ventilated area away from combustible materials & flammable gases. Do not drop cylinders.		
Other	Avoid cylinder contact with energized equipment. Avoid contact with oil & grease.		

## Section 4 - Emergency Response Data

Fire	Extinguishing Media	Water
	Special Procedures	Normal
	Usual Hazards	Non-flammable, but if combustible materials are present, it can accelerate combustion & may cause an explosion
Exposure	First Aid Measures	N/A
Steps	Steps To Be Taken	Avoid possible sources of ignition.
	Waste Disposal Method	Release to atmosphere in well ventilated area.