



**Allied Healthcare
Products, Inc.**

INSTRUMENTS OF CARE
Chemetron • Gomco • NCG • Lif-O-Gen

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MATERIAL SAFETY DATA SHEET

Section 1. Identity of Material

PRODUCT NAME OR NUMBER		OXYGEN USP	
SYNONYMS		OXYGEN	
FORMULA	O ₂	CAS NUMBER	NONE
		CHEMICAL FAMILY OXIDIZER	
REGULATED IDENTIFICATION	DOT PROPER SHIPPING NAME		OXYGEN U.S.P.
	SHIPPING ID NUMBER	UN 1072	EPA HAZARDOUS WASTE ID 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 ³	
	YES	NO		YES	NO	PEL=	N/A mg/m ³
COMBUSTIBLE LIQUID		X	SKIN HAZARD		X		
FLAMMABLE MATERIAL		X	EYE HAZARD		X		
PYROPHORIC MATERIAL		X	TOXIC AGENT		X		
EXPLOSIVE MATERIAL		X	HIGHLY TOXIC AGENT		X		
UNSTABLE MATERIAL		X	SENSITIZER		X		
WATER REACTIVE MATERIAL		X	CARCINOGEN		X		
OXIDIZER	X		REPRODUCTIVE TOXIN		X		
ORGANIC PEROXIDE		X	BLOOD TOXIN		X		
CORROSIVE MATERIAL		X	NERVOUS SYSTEM TOXIN		X		
COMPRESSED GAS	X		LUNG TOXIN		X		
IRRITANT		X	LIVER TOXIN		X		
			KIDNEY TOXIN		X		
				NFPA HAZARD SIGNAL			
				HEALTH		FLAMMABILITY	
				N/A		N/A	
				STABILITY		SPECIAL	
				N/A		N/A	
				DOT HAZARD CLASS			
				OXIDIZER			
				EPA HAZARD WASTE CLASS			
				N/A			

Section 3. Safe Usage Data

PROTECTIVE EQUIPMENT TYPES	EYES	N/A
	RESPIRATORY	N/A
	GLOVES	N/A
	OTHER	NONE
VENTILATION	GENERAL MECHANICAL	DESIRABLE
	LOCAL EXHAUST	REQUIRED
PRECAUTIONS	HANDLING & STORAGE STORE IN WELL VENTILATED AREA AWAY FROM COMBUSTIBLE MATERIALS AND FLAMMABLE GASES. DO NOT DROP CYLINDERS.	
	OTHER AVOID CYLINDER CONTACT WITH ENERGIZED EQUIPMENT. AVOID CONTACT WITH OIL AND GREASE.	

Section 4. Emergency Response Data

FIRE	EXTINGUISHING MEDIA	WATER
	SPECIAL PROCEDURES	NORMAL
	UNUSUAL HAZARDS	NON-FLAMMABLE, BUT IF COMBUSTIBLE MATERIALS ARE PRESENT, IT CAN ACCELERATE COMBUSTION AND 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.

Section 5. Physical Hazard Data

FLAMMABILITY	LFL =	N/A	%	FLASH POINT METHOD USED	NONE	°F	°C
	UFL =	N/A	%		N/A		
STABILITY	STABLE			CONDITIONS TO AVOID HAZARDOUS DECOMP PDTS -	NONE	STORAGE OVER 130° F	
	UNSTABLE	X					
HAZARDOUS POLYMERIZATION	MAY OCCUR			CONDITIONS TO AVOID	N/A		
	WILL NOT OCCUR	X					
INCOMPATIBILITY	MATERIALS TO AVOID			ANY COMBUSTIBLE MATERIALS			

Section 6. Health Hazard Data

EFFECTS OF EXPOSURE	SHOULD NOT BE USED FOR PROLONGED PERIOD EXCEPT UNDER A DOCTOR'S ADVICE/CARE
EMERGENCY TREATMENT	N/A

Section 7. Physical and Chemical Properties

BOILING PT =	-297.4° F	°C	VAPOR DENSITY (AIR 1)	1.1053	VOLATILE COMPONENTS	OXYGEN
VAPOR PRESS =	760	mmHg	psi	ph	N/A	
SOLUBILITY IN H ₂ O	SLIGHTLY		WILL DISSOLVE IN	N/A	EVAPORATION RATE (ETHER=1)	LESS THAN 1
APPEARANCE	COLORLESS		IS MATERIAL:	PASTE	POWDER	
ODOR	ODORLESS		SOLID	LIQUID	GAS	X

Section 8. Manufacturer or Supplier Data

FIRM'S NAME & MAILING ADDRESS LIF-O-GEN DIVISION OF ALLIED HEALTHCARE PRODUCTS, INC. 1720 SUBLETTE AVENUE ST. LOUIS, MO 63110	NAME (PRINT)	WAYNE KARCHER
	SIGNATURE	<i>Wayne Karcher</i>
	TITLE	REGULATORY AFFAIRS COORDINATOR
	DATE	12-17-07
	EMERGENCY TELEPHONE NO.	800-424-9300

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