View NSN Online: https://aerobasegroup.com/nsn/6505-00-132-5225 MG INDUSTRIES -- OXYGEN -- 6505-00-132-5225 Product ID:OXYGEN MSDS Date:09/10/1998 FSC:6505 NIIN:00-132-5225 Status Code:A MSDS Number: CJZFB === Responsible Party === Company Name: MG INDUSTRIES Address: 3 GREAT VALLEY PKY City:MALVERN State:PA ZIP:19355-1424 Country:US Info Phone Num:215-695-7400 / 610-695-7449 Emergency Phone Num:610-695-7449 Resp. Party Other MSDS Num.:MGI12831 Chemtrec Ind/Phone:(800)424-9300 CAGE:08772 === Contractor Identification === Company Name: MG INDUSTRIES Address: 3 GREAT VALLEY PKY Box:City:MALVERN State:PA ZIP:19355-1424 Country:US Phone:610-695-7400 / 610-695-7449 CAGE:08772 ======= Composition/Information on Ingredients ======== Ingred Name: OXYGEN CAS:7782-44-7 RTECS #:RS2060000 = Wt:100.

=========== Hazards Identification ==========================

LD50 LC50 Mixture: NONE PROVIDED BY MFR.

Routes of

Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: EYES: IRRITATION, BLURRED VISION. SKIN: BLISTERS, FROSTBITE. INHALATION: IRRITATION, NAUSEA, ASTHMA, IRREGULAR HEARTBEAT, DIZZINESS, TINGLING SENSATION, DILATED PUPILS, BLINDNESS, LUNG CONGESTI ON, BLOOD DISORDERS, CONVULSIONS. INGESTION: FROSTBITE. CHRONIC: EYES: NO INFORMATION ON SIGNIFICANT ADVERSE EFFECTS. SKIN: NO INFORMATION ON SIGN

IFICANT ADVERSE

EFFECTS. INHALATION: CHEST PAIN, LUNG DAMAGE. INGESTION: NO INFORMATION IS AVAILABLE.

Explanation of Carcinogenicity: NONE PROVIDED BY MFR.

Effects of Overexposure:EYES: IRRITATION, BLURRED VISION. SKIN: BLISTERS, FROSTBITE. INHALATION: IRRITATION, NAUSEA, ASTHMA, IRREGULAR HEARTBEAT, DIZZINESS, TINGLING SENSATION, DILATED PUPILS,

BLINDNESS, LUNG CONGESTION, BLO OD DISORDERS, CONVULSIONS, CHEST

PAIN, LUNG DAMAGE. INGESTION: FROSTBITE.

Medical Cond Aggravat

ed by Exposure: NONE PROVIDED BY MFR.

First Aid:INHALATION: REMOVE FROM EXPOSURE. USE A BAG VALVE MASK OR SIMILAR DEVICE TO PERFORM ARTIFICIAL RESPIRATION IF NEEDED. GET MEDICAL ATTENTION. SKIN: WASH IF NEEDED. IF FROSTBITE, FREEZING OR CRYOGENIC B URNS OCCUR, WARM AREA IN WARM WATER. IF NOT AVAILABLE, WRAP AFFECTED PARTS IN BLANKETS. ALLOW CIRCULATION TO RETURN NATURALLY. GET MEDICAL ATTENTION. EYES: WASH IMMEDIATELY WITH

LARGE AMOUNTS OF WAT ER, OCCASIONALLY LIFTING UPPER & LOWER LIDS UNTIL NO EVIDENCE OF CHEMICAL REMAINS. GET MEDICAL ATTENTION. INGESTION: UNLIKELY EMERGENCY TREATMENT REQUIRED. IF NEEDED, GET MEDICAL ATTENTION.

============= Fire Fighting Measures ========================

Flash Point:NOT PROVIDED Lower Limits:NOT PROVIDED Upper Limits:NOT PROVIDED

Extinguishing Media: CARBON DIOXIDE, REGULAR DRY CHEMICAL. LARGE FIRES:

USE REGULAR FOAM OR FLOOD WITH

FI	NF	= \/	/A <sup>-</sup>	ΓFR	SP	RAY	•

Fire Fighting Procedures:MOVE CONTAINER FROM FIRE AREA IF IT CAN BE DONE WITHOUT RISK. COOL CONTAINERS WITH WATER SPRAY UNTIL WELL AFTER THE FIRE IS OUT. STAY AWAY FROM THE ENDS OF TANKS. FOR FIRES IN CARGO OR STORAGE AREA: C OOL CONTAINERS WITH WATER FROM UNMANNED HOSE HOLDER OR MONITOR NOZZLES UNTIL WELL AFTER FIRE IS OUT.

Unusual Fire/Explosion Hazard:NEGLIGIBLE FIRE HAZARD. OXIDIZER. MAY IGNITE OR EXPLODE ON CONTACT WITH COMBUSTIBLE MATERIALS. CONTAINER S

MAY REPTURE OR EXPLODE IF EXPOSED TO HEAT.

======== Accidental Release Measures =============

Spill Release Procedures:STOP LEAK IF POSSIBLE WITHOUT PERSONAL RISK.
AVOID CONTACT WITH COMBUSTIBLE MATERIALS. KEEP UNNECESSARY PEOPLE
AWAY. ISOLATE HAZARD AREA AND DENY ENTRY. VENTILATE CLOSED SPACED
BEFORE ENTERING.

Neutralizing Agent: NONE PROVIDED BY MFR.

============ Handling and Storage ===========================

Handling and Storage Precautions:STORE

& HANDLE IN ACCORDANCE WITH ALL

CURRENT REGULATIONS & STANDARDS. SUBJECT TO STORAGE REGULATIONS: U.S. OSHA 29 CFR 1910.104

Other Precautions: NONE PROVIDED BY MFR.

====== Exposure Controls/Personal Protection ========

Respiratory Protection:FOR UNKNOWN CONCENTRATIONS OR IMMEDIATELY DANGEROUS TO LIFE OR HEALTH: ANY SUPPLIED-AIR RESPIRATOR WITH FULL FACEPIECE AND OPERATED IN A PRESSURE- DEMAND OR OTHER POSITIVE-PRESSURE MODE IN COMBINATION WITH A SEPARATE ESCAPE

SUPPLY. ANY SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE.

Ventilation:PROVIDE LOCAL EXHAUST VENTILATION SYSTEM. ENSURE COMPLIANCE WITH APPLICABLE EXPOSURE LIMITS.

Protective Gloves:WEAR INSULATED GLOVES.

Eye Protection:NOT REQUIRED FOR GAS BUT RECOMMENDED. FOR LIQUID WEAR SPLASH RESISTANT GOGGLES

Other Protective Equipment:PROVIDE EYE WASH STATION AND SAFETY SHOWER IN IMMEDIATE WORK AREA. PROTECTIVE CLOTHING NOT REQUIRED FOR THE GAS. FOR THE LIQUID, WEAR APP

ROPRIATE PROTECTIVE, COLD INSULATING CLOTHING. Work Hygienic Practices: CONTACT LENSES SHOULD NOT BE WORN. Supplemental Safety and Health RESPRATOR: UNDER CONDITIONS OF FREQUENT USE OR HEAVY EXPOSURE, RESPIRATORY PROTECTION MAY BE NEEDED. RESPIRATORY PROTECTION IS RANKED IN ORDER FROM MINIMUM TO MAXIMUM. CONSIDER WARNING PROPERTIES BEFO RE USE.. ======== Physical/Chemical Properties =============== HCC:G4 Boiling Pt:=-182.6C, -297.F Melt/Freeze Pt:=-217.6C, -360.F Vapor Pres:760 MMHG @ -183 DEG C Vapor Density:1.1(AIR=1) Spec Gravity:0.001309 @25C Viscosity:0.02075 CP @ 25 DEG C Solubility in Water:3.2% @ 25 DEG C Appearance and Odor: ODORLESS, COLORLESS, TASTELESS GAS Percent Volatiles by Volume: NOT APPLICAB ======== Stability and Reactivity Data ========== Stability Indicator/Materials to Avoid:YES COMBUSTIBLE MATERIALS. HALOCARBONS, METALS, BASES. REDUCING AGENTS, AMINES, METAL SALTS, OXIDIZING MATERIALS. Stability Condition to Avoid: STABLE AT NORMAL TEMPERATURES & PRESSURE. AVOID CONTACT WITH COMBUSTIBLE MATERIALS. PROTECT FROM PHYSICAL DAMAGE & HEAT. CONTAINERS MAY RUPTURE OR EXPLODE IF EXPOSED TO Hazardous Decomposition Products: NONE PROVIDED BY MFR. Conditions to Avoid Polymerization: WILL NOT POLYMERIZE. ======= Toxicological Information ============ Toxicological Information:MFR'S MSDS HAS PAGES OF TOXICOLOGICAL INFORMATION. ====== Ecological Informatio

Ecological:NOT AVAILABLE.
======== Disposal Considerations ===========
Waste Disposal Methods:SUBJECT TO DISPOSAL REGULATIONS: U.S. EPA 40 CFR 262, HAZARDOUS WASTE NUMBER(S): D001. DISPOSE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.
========= MSDS Transport Information ==========
Transport Information:U.S. DOT: PSN: OXYGEN, COMPRESSED, UN1072CLASS 2.2, LABEL: NONFLAMMABLE GAS, OXIDIZER. IATA/ICAO: OXYGEN,
COMPRESSED, UN1072, CLASS 2.2, LABEL NONFLAMMABLE GAS, OXIDIZER. IMO: OXYGEN, COMPRESSED, UN10 72, CLASS 2(2.2), SUBSIDERARY RISK LABEL: OXIDIZER.
============= Regulatory Information =============
SARA Title III Information:SECTION302 (40 CFR 355.30): NO. SECTION 304 (40 CFR 40): NO. SECTION 313 (40 CFR 65): NO. SARA HAZARD CATEGORIES. SARA SECTIONS 311/312 (40 CFR 370.21): ACUTE: NO. CHRONIC: NO. FIRE: YES. REACTIVITY: NO. SUDDEN RELEASE: YES. Federa I Regulatory Information:TSCA INVENTORY STATUS:YES. TSCA 12(B( EXPORT NOTIFICATION: NOT LISTED. CERCLA SECTION 103 (40 CFR 302.4: NO. OSHA PROCESS SAFETY (29 CFR 1910.119): NO. State Regulatory Information:CALIFORNIA PROPOSITION 65: NO
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