View NSN Online: https://aerobasegroup.com/nsn/6830-00-808-9531 LIQUID AIR CORP CALIFORNIA PLZ -- LIQUID OXYGEN -- 6830-00-808-9531 Product ID:LIQUID OXYGEN MSDS Date:10/01/1985 FSC:6830 NIIN:00-808-9531 MSDS Number: BQFBF === Responsible Party === Company Name:LIQUID AIR CORP CALIFORNIA PLZ Address:2121 N CALIFORNIA BLVD City:WALNUT CREEK State:CA ZIP:94596 Country:US Info Phone Num:510-977-6500 / FAX 510-977-6747 Emergency Phone Num:510-977-6500 CAGE:18260 === Contractor Identification === Company Name: LIQUID AIR CORP ONE CALIFORNIA PLAZA Address:2121 N. CALIFORNIA BLVD Box:City:WALNUT CREEK State:CA ZIP:94596 Country:US Phone:415-977-6500 CAGE:18260

======= Composition/Information on Ingredients ========

Ingred Name: OXYGEN

RTECS #:RS2060000

Other REC Limits: NONE RECOMMENDED

Routes of Entry: Inhalation:YES Skin:

CAS:7782-44-7

YES Ingestion:NO

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

Health Hazards Acute and Chronic:BREATHING HIGH CONCENTRATIONS (GREATER THAN 75 MOLAR PERCENT) CAUSES SYMPTOMS OF HYPEROXIA WHICH INCLUDE CRAMPS, NAUSEA, DIZZINESS, HYPOTHERMIA, AMBYLOPIA, RESPIRATORY DIFFICULTIES, BRADYCARDIA, FAINT ING SPELLS AND CONVULSIONS CAPABLE OF LEADING TO DEATH.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARC

INOGENS OR SUSPECT

CARCINOGENS.

Effects of Overexposure:CONTACT WITH THE CRYOGENIC LIQUID OR COLD PIPING CONTAINING THE LIQUID CAN CAUSE TISSUE FREEZING OR FROSTBITE ON DERMAL CONTACT OR IF SPLASHED IN THE EYES. FROSTBITE EFFECTS ARE A CHANGE IN COLOR OF THE SKIN TO GRAY OR WHITE POSSIBLY FOLLOWED BY BLISTERING.

Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: CONSCIOUS PERSON

S SHOULD BE ASSISTED TO AN UNCONTAMINATED

AREA & BREATHE FRESH AIR. THEY SHOULD BE KEPT WARM & QUIET. INFORM THE PHYSICIAN THAT VICTIM IS EXPERIRNCING HYPEROXIA. UNCONSCIOUS PERSONS SH OULD BEMOVED TO UNCONTAMINATED AREA & GIVE ASSISTED RESPIRATION. FOR DERMAL CONTACT, FLUSH AFFECTED AREA WITH LUKE WARM WATER. DONOT USE HOT WATER. SEE PHYSICIAN PROMPTLY.

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

Extinguishing Media:COPIOUS QUANTITIES OF WATER FOR FIRES WITH OXYGEN

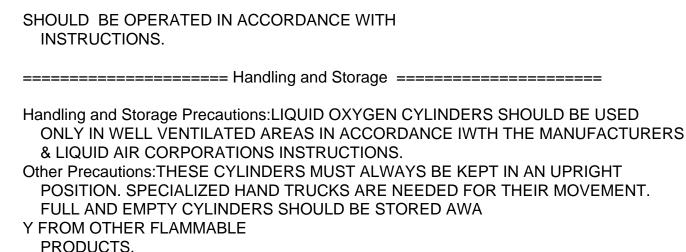
AS THE OXIDIZER.

Fire Fighting Procedures:IF POSSIBLE, STOP THE FLOW OF OXYGEN WHICH IS SUPPORTING THE FIRE.

Unusual Fire/Explosion Hazard: VIGOROUSLY ACCELERATES COMBUSTION.

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

Spill Release Procedures:LIQUID OXYGEN IS DELIVERED TO A CUSTOMER INTO STATIONARY VACUUM-JACKETED VESSELS AT THE CUSTOMER'S LOCATION OR IN PORTABLE VACUUM-JACKETED "LIQUID" CYLINDERS. STATIONARY CUSTOMER-SITE VESSELS



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

Ventilation:LOCAL EXHAUST TO PRVENT ACCUMULATION ABOVE 25 MOLAR PERCENT.

Protective Gloves:LOOSE FITTING, INSULATED.

Eye Protection: SAFETY GLASSES OR GOGGLES + FACE SHIELD.

Other Protective Equipment: HAVE EMERGENCY EYE WASH AND SAFETY SHOWER AVAILABLE.

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING.

Supplemental Safety and Health

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QUID OXYGEN CAN NOT BE HANDLED IN CARBON OR LOW ALLOY STEEL.
EQUIPMENT TO CONTAIN LIQUID OXYGEN MUST BE "CLEANED FOR OXYGEN
SERVICE". SHIPMENT OF A COMPRESSED GAS CONATINER WHICH HAS NOT BEEN
FILLED BY THE OWNER OR WITH HIS WRITTEN CONSENT IS A VIOLATION OF
FEDERAL LAW (49CFR).

======== Physical/Chemical Properties ==========

HCC:D1

Boiling Pt:B.P. Text:-297F,-183C

Melt/Freeze Pt:M.P/F.P Text:-361F,-218C

Vapor Density:1.068 Spec Gravity:0.0828

Solubility in

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========= Stability and Reactivity Data ===========
Stability Indicator/Materials to Avoid:YES ALL FLAMMABLE MATERIAL. Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION. Hazardous Decomposition Products:NONE.

Appearance and Odor:CLEAR, PALE BLUE, ODORLESS LIQUID.

Waste Disposal Methods:DISPOSAL MUST BE MADE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

======= Disposal Considerations ===========

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particular situation.

Water: 0.0310