View NSN Online: https://aerobasegroup.kr/nsn/9135-00-985-7080 LIQUID CARBONIC CORP -- LIQUID NITROGEN -- 9135-00-985-7080 ============= Product Identification ======================== Product ID:LIQUID NITROGEN MSDS Date:07/01/1990 FSC:9135 NIIN:00-985-7080 MSDS Number: BTKSP === Responsible Party === Company Name:LIQUID CARBONIC CORP Address:135 S LA SALLE STREET City:CHICAGO State:IL ZIP:60603-4101 Country:US Info Phone Num:312-855-2500 Emergency Phone Num:312-855-2500 CAGE:36517 == = Contractor Identification === Company Name:LIQUID CARBONIC CORP Address:135 S LA SALLE STREET Box:City:CHICAGO State:IL ZIP:60603-4101 Country:US Phone:312-855-2500 CAGE:36517 ======= Composition/Information on Ingredients ======== Ingred Name:NITROGEN CAS:7727-37-9 RTECS #:QW9700000

Fraction by Wt: 99.9%

ACGIH TLV:ASPHYXIANT; 9192

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogeni

First Aid:INHALE:REMOVE TO FRESH AIR. RESTORE OR SUPPORT BREATHING IF NECESSARY. KEEP WARM & AT REST. USE CAUTION WHEN ENTERING CONTAMINATED AREAS TO VENTILATE TO ACCEPTABLE OXYGEN LEVELS. FROST BITE:FLUSH AFFE CTED AREAS W/LUKE WARM WATER. **DO NOT USE HOT WATER** FOR SERIOUS CRYOGENIC FREEZING BURN,SEE PHYSICIAN IMMEDIATELY.

Extinguishing Media:NON-FLAMMABLE INERT GAS AND LIQUID Unu

sual Fire/Explosion Hazard:IF CONTAINERS ARE INVOLVED IN A FIRE, SAFELY RELOCATE OR COOL WITH WATER SPRAY.

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

Spill Release Procedures:FOLLOW SUPPLIER"S INSTRUCTIONS. LIQUID NITROGEN IS HANDLED IN VACUUM JACKETED VESSELS. IF THERE IS A MAL-FUNCTION, CONTACT THE CLOSEST SUPPLIER LOCATION IMMEDIATELY. USE IN A WELL VENTILATED AREA AND USE A "FIRST IN/FIRST OUT" INVENTORY SYSTEM.

Neutralizing Agent:NO INFORMATIO N GIVEN ON MSDS BY MFR.

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

Handling and Storage Precautions:PROTECT CONTAINERS FROM PHYSICIAL DAMAGE. STORE IN COOL, DRY WELL VENTILATED AREA AWAY FROM HEAT(ABOVE 130F) & DIRECT SUNLIGHT.

Other Precautions:REFER TO CGA SAFETY BULLETIN SB-2 & PHAMPHLETS P-1,P-9,P-12 & P-14. STORE CYLINDERS UPRIGHT AND FIRMLY SECURED. USE CHECKVALVE IN LINE TO PREVENT BACK FLOW. USE ONLY DOT OR ASME CODED CYLINDERS. DO NO T REFI

LL CYLINDERS, RETURN TO SUPPLIER.
====== Exposure Controls/Personal Protection ========
Respiratory Protection:IN IVENT OF A MAJOR LEAK, A SELF CONTAINED BREATHING APPARATUS MAY BE REQUIRED. Ventilation:LOCAL EXHAUST OR MECHANICAL GENERAL VENTILATION TO PREVENT ACCUMULATION SO AS TO EXCLUDE AND ADEQUATE OXYGEN SUPPLY. Protective Gloves:LOOSE FITTING,INSULATED Eye Protection:SAFETY GOGGLES/GLASSES PLUS FACE SHIELD Other Protective Equipment:SAFETY SHOES Work Hygienic Pract
ices:MFR: ? HMIS:USE GOOD INDUSTRIAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING OR DRINKING.
Supplemental Safety and Health NONE
========= Physical/Chemical Properties ==========
HCC:G3 NRC/State Lic Num:NONE Boiling Pt:B.P. Text:-320F,-196C Vapor Pres:760 @BP Vapor Density:0.97 Spec Gravity:0.81 @BP Solubility in Water:VAPOR - VERY SLIGHT Appearance and Odor:COLORLESS,ODORLESS GAS - LIQUID IS WATER WHITE Percent Volatiles by Volume:10 0
========= Stability and Reactivity Data =========
Stability Indicator/Materials to Avoid:YES NONE Stability Condition to Avoid:NONE Hazardous Decomposition Products:NONE
======= Disposal Considerations ==========
Waste Disposal Methods:MFR GAVE NO DISPOSAL INFORMATION. HMIS:NO DISPOSAL PROBLEM. GAS WILL DIFFUSE INTO ATMOSPHERE.

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