



ARGON,LAR(LIQUID ONLY)

MSDS Number

BHDNL

National Stock Number

6830-00-564-8989

Product Name

ARGON,LAR(LIQUID ONLY)

Manufacturer

AIR PRODUCTS AND CHEMICALS INC

Product Identification

Product ID:ARGON,LAR(LIQUID ONLY)

MSDS Date:07/10/1986

FSC:6830

NIIN:00-564-8989

MSDS Number: BHDNL

Responsible Party

AIR PRODUCTS AND CHEMICALS, INC.

2043 S 35TH ST

TACOMA , WA 98411-0393

US

Cage: 00742

Contractor

OXYGEN SALES AND SERVICE INC

11393

TACOMA, WA 98411-0393

US

800-345-3148/ 800-752-1597

Cage: 5H199

Ingredients

ARGON

CAS: 7440-37-1

RTECS: CF2300000

ACGIH TLV: ASPHYXIAN; 9192

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ARGON IS NONTOXIC BUT CAN ACT AS A SIMPLE ASPHYXIAN BY DISPLACING THE AMOUNT OF OXYGEN IN THE AIR NECESSARY TO SUPPORT LIFE.

Effects of Overexposure:MAY PRODUCE DIZZINESS,NAUSEA,VOMITING,LOSS OF CONSCIOUSNESS,& DEATH.DEATH MAY RESULT FROM ERRORS IN JUDGMENT,CONFUSION,OR LOSS OF CONSCIOUSNESS.AT LOW OXYGEN CONCENTRATIONS UNCONSCIOUSNESS & DEATH MAY OCCUR IN SECONDS W/OUT WARNING.EXTENSIVE TISSUE DAMAGE OR BURNS CAN RESULT FROM EXPOSURE TO LIQ ARGON OR COLD ARGON VAP

First Aid

First Aid:PERSONS SUFFERING FROM LACK OF OXY SHOULD BE MOVED TO NORMAL



ATMOSPHERE. ASSISTED RESPIRATION & SUPPLEMENTAL OXY SHOULD BE GIVEN IF THE VICTIM IS NOT BREATHING. IF CRYOGENIC LIQ OR COL BOIL-OFF GAS CONTACTS A WORKER'S SKIN OR EYES, FROZEN TISSUES SHOULD BE FLOODED OR SOAKED W/ WETTED WTR. DO NOT USE HOT WTR. CRYOGENIC BURNS WHICH BLISTER OR DEEPER TISSUE FREEZING SHOULD BE SEEN PROMPTLY BY PHYSICIAN.

Fire Fighting

Flash Point: NA
Lower Limits: NA
Upper Limits: NA
Extinguishing Media: NA
Fire Fighting Procedures: NA
Unusual Fire/Explosion Hazard: NA

Accidental Release

Spill Release Procedures: AVOID CONTACT OF SKIN W/ LIQ ARGON OR ITS COLD BOIL-OFF GAS. FLUSH LIQ ARGON SPILL W/ WTR TO DISPERSE. VENTILATE ENCLOSED AREAS TO PREVENT FORMATION OF OXY-DEFICIENT ATMOSPHERE CAUSED BY THE EVAPORATION OF LIQ ARGON OR THE RELEASE OF GASEOUS ARGON.

Handling

Handling and Storage Precautions: USE/STORE ONLY IN WELL-VENTILATED AREA. DO NOT SLIDE, ROLL, OR DRAG CYLS. USE SUITABLE HAND TRUCK. KEEP CYLS AWAY FROM HEAT. SEGREGATE FULL/EMPTY CYLS.
Other Precautions: LIQ ARGON IS CRYOGENIC LIQ. MATERIALS OF CONSTRUCTION MUST BE SELECTED FOR COMPATIBILITY W/ EXTREMELY LOW TEMPS. AVOID USE OF CARBON STEEL & OTHER MATERIALS WHICH BECOME BRITTLE AT LOW TEMPS.

Exposure Controls

Respiratory Protection: USE SELF-CONTAINED BREATHING APPARATUS IN OXY-DEFICIENT ATMOSPHERE. CAUTION! RESPIRATOR WILL NOT FUNCTION. USE MAY RESULT IN ASPHYXIATION.
Ventilation: NATURAL/MECHANICAL WHERE GAS OR VAPORS ARE PRESENT
Protective Gloves: LOOSE-FITTING GLOVES IMPERMEABLE
Eye Protection: CHEMICAL GOGGLES/SAFETY GLASSES.
Other Protective Equipment: NONE
Supplemental Safety and Health
NK

Chemical Properties

Boiling Pt: B.P. Text: -302.6F
Vapor Pres: NA
Vapor Density: @68F 20C
Spec Gravity: @68F 20C
Solubility in Water: @68F 20C
Appearance and Odor: BOTH LIQUID & GASEOUS ARGON ARE COLORLESS & ODORLESS.

Stability

Stability Indicator/Materials to Avoid: YES
NONE
Stability Condition to Avoid: NONE
Hazardous Decomposition Products: NONE

Disposal

Waste Disposal Methods: ALLOW LIQ ARGON TO EVAPORATE IN A WELL VENTILATED OUTDOOR LOCATION REMOTE FROM WORK AREAS. VENT ARGON GAS SLOWLY TO A WELL VENTILATED OUTDOOR LOCATION REMOTE FROM WORK AREA. DO NOT ATTEMPT TO DISPOSE OF RESIDUAL ARGON IN COMPRESSED CYLS.

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