

ARGON, LAR (LIQUID ONLY)

MSDS Number

BHDVH

National Stock Number

6830-00-764-7029

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:00-764-7029

MSDS Number: BHDVH

Responsible Party

AIR PRODUCTS AND CHEMICALS, INC.

ALLENTOWN , PA 18195

US

Emergency Phone: 1-800-322-9092

Info Phone: 215-481-8257

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:ARGON IS ODORLESS & NONTOXIC,BUT MAY PRODUCE SUFFOCATION BY DILUTING THE CONCENTRATION OF OXYGEN IN AIR.EXPOSURE TO OXYGEN-DEFICIENT ATMOSPHERES MAY PRODUCE

DIZZINESS,NAUSEA,VOMITING,LOSS OF CONSCIOUSNESS,& DEATH.DEATH MAY RESULT FROM ERRORS IN JUDGEMENT,CONFUSION,OR LOSS OF CONSCIOUSNESS WHICH PREVENTS SELF-RESCUE.

First Aid

First Aid: PERSONS EXPOSED SHOULD BE MOVED TO NORMAL ATMOSPHERES. ASSISTED RESPIRATION & SUPPLEMENTAL OXYGEN SHOULD BE GIVEN IF THE VICTIM IS NOT BREATHING. IF CRYOGENIC LIQOR COLD BOIL-OFF GAS CONTACTS A WORKER'S SKIN OR EYES, FROZEN TISSUES SHOULD BE FLOODED OR SOAKED W/TEPID WTR. DO NOT USE HOT WTR. CRYOGENIC BURNS WHICH RESULT IN BLISTERING OR DEEPER TISSUE FREEZING SHOULD BE SEEN PROMPTLY BY A 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 OXYGEN-DEFICIENT ATMOSPHERE CAUSED BY THE EVAP OF LI Q ARGON OR THE RELEASE OF GASEOUS ARGON.

Handling

Handling and Storage Precautions: AVOID DRAGGING, ROLLING, OR SLIDING CYLS, EVEN FOR A SHORT DISTANCE. USE A SUITABLE HAND TRUCK. STORE IN WELL VENTILATED AREA. SEGREGATE FULL/EMPTY CYLS.
Other Precautions: LIQ ARGON IS CRYOGENIC LIQ. MATERIALS OF CONSTRUCTION MUST BE SELECTED FOR COMPATIBILITY W/EXTREMELY LOW TEMPERATURES. AVOID USE OF CARBON STEEL AND OTHER MATERIALS WHICH BECOME BRITTLE AT LOW TEMPERATURES.

Exposure Controls

Respiratory Protection: USE A SELF-CONTAINED BREATHING APPARATUS IN OXYGEN-DEFICIENT ATMOSPHERE. CAUTION! RESPIRATORS WILL NOT FUNCTION. USE MAY RESULT IN ASPHYXIATION.
Ventilation: NATURAL/MECHANICAL WHERE GAS OR VAPORS ARE PRESENT. VENTS SHOULD BE SITUATED TO AVOID HIGHER THAN NORM CONCENTRATION.
Protective Gloves: LOOSE-FITTING GLOVES OF IMPERMEABLE MTR
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 TO EVAP IN A WELL VENTILATED OUTDOOR LOCATION REMOTE FROM WORK AREAS. VENT ARGON GAS SLOWLY TO A WELL VENTILATED OUTDOOR LOCATION REMOTE FROM WORK AREAS. DO NOT ATTEMPT TO DISPOSE OF RESIDUAL ARGON IN COMPRESSED GAS CYLS.

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