

ARGON

MSDS Number

BHDNK

National Stock Number

6830-00-564-8989

Product Name

ARGON

Manufacturer

LIQUID AIR CORP

Product Identification

Product ID: ARGON
MSDS Date: 10/01/1985
FSC: 6830
NIIN: 00-564-8989
MSDS Number: BHDNK

Responsible Party

LIQUID AIR CORPORATION
2121 N. CALIFORNIA BLVD.
WALNUT CREEK , CA 94596
US
Emergency Phone: 414-977-6500

Info Phone: 415-977-6500

Cage: DO426

Contractor

WELCO GASES CORP.
WALNUT CREEK, CA 94596
US
510-977-6500
Cage: 0C525

Ingredients

ARGON
CAS: 7440-37-1

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 THE LIBERATION OF A LARGE AMOUNT IN A CONFINED AREA COULD DISPLACE THE AMOUNT OF OXYGEN IN AIR NECESSARY TO SUPPORT LIFE.
Effects of Overexposure: MAY INCLUDE ANY, ALL, OR NONE OF THE FOLLOWING: DIZZINESS, TIGHTNESS OF FOREHEAD, TINGLING TONGUE, FINGERTIPS OR TOES, WEAKENED SPEECH LEADING TO INABILITY TO UTTER SOUNDS, RAPID REDUCTION IN ABILITY TO PERFORM MOVEMENTS, REDUCED CONSCIOUSNESS OF SURROUNDINGS, LOSS OF TACTILE SENSATIONS, & HEIGHTED MENTAL ACTIVITY.

First Aid

First Aid: PROMPT MEDICAL ATTN IS MANDATORY IN ALL CASES OF OVEREXPOSURE TO ARGON. RESCUE PERSONNEL SHOULD BE EQUIPPED W/SELF-CONTAINED

BREATHING APPARATUS.CONSCIOUS/UNCONSCIOUS PERSONS SHOULD BE MOVED TO UNCONTAMINATED AREA.UNCONSCIOUS PERSON SHOULD BE GIVEN MOUTH-TO-MOUTH RESUSCITATION & SUPPLEMENTAL OXYGEN.QUICK REMOVAL FROM THE CONTAMINATED AREA IS MOST IMPORTANT.

Fire Fighting

Extinguishing Media:NONFLAMMABLE, INERT GAS

Accidental Release

Spill Release Procedures:EVACUATE ALL PERSONNEL FROM AREA. USE APPROPRIATE PROTECTIVE EQUIP.IF LEAK IS IN CONTAINER OR CONTNRVALVE,CONTACT YOUR CLOSEST SUPPLIER LOCATION OR CALL THE EMERGENCY TELEPHONE NUMBER LISTED HEREIN.

Handling

Handling and Storage Precautions:USE IN WELL-VENTILATED AREAS.DO NOT DRAG,SLIDE, ORROLL CYLS.USE SUITABLE HAND TRUCK. PROTECT CYLNDRS FROM PHYSICAL DAMAGE. SEGREGATE FULL/EMPTY CYLNDRS
Other Precautions:COMPRESSED GAS CYLS SHOULD NOT BE FILLED EXCEPT BY QUALIFIED PRODUCERS OF COMPRESSED GAS.SHIPMENT OF COMPRESSED GAS CYL WHICH HAS NOT BEEN FILLED BY THE OWNER OR W/HIS WRITTEN CONSENT IS A VIOLATION OF FEDERAL LAW (49CFR).

Exposure Controls

Respiratory Protection:POSITIVE PRESSURE AIR LINE W/MASK OR SELF-CONTAINED BREATHING APPARATUS SHOULD BE AVAILABLE FOR EMERGENCY USE.
Ventilation:TO PREVENT ACCUMULATION OF HIGH CONCENTRATIONS SO AS TO REDUCE THE OXYGEN LEVEL IN THE AIR TO LESS THAN 18 MOLAR %.
Protective Gloves:ANY MATERIAL
Eye Protection:SAFETY GOGGLES/GLASSES
Other Protective Equipment:SAFETY SHOES
Supplemental Safety and Health
NK

Chemical Properties

Boiling Pt:B.P. Text:-302.55F
Vapor Pres:>-188.12F
Vapor Density:.1034LBFT3
Spec Gravity:1.38@70F AIR=1
Solubility in Water:BUN COEF .0340 @ 68F
Appearance and Odor:COLORLESS, ODORLESS GAS

Stability

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

Disposal

Waste Disposal Methods:DO NOT ATTEMPT TO DISPOSE OF WTR OR UNUSED QTYS.RETURN IN THE SHIPPING CONTAINER PROPERLY LABELED,W/VALVE OUTLET PLUGS OR CAPS SECURED & VALVE PROTECTION CAP IN PLACE TO YOUR SUPPLIER. FOR EMERGENCY DISPOSAL CALL CLOSEST SUPPLIER OR CALL EMER NO.

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