

## **ARGON**

### **MSDS Number**

BHFBG

### **National Stock Number**

6830-00-973-7274

### **Product Name**

ARGON

### **Manufacturer**

LIQUID AIR CORP

### **Product Identification**

Product ID: ARGON  
MSDS Date: 10/01/1985  
FSC: 6830  
NIIN: 00-973-7274  
MSDS Number: BHFBG

### **Responsible Party**

LIQUID AIR CORPORATION  
2121 N. CALIFORNIA BLVD., SUITE 350  
WALNUT CREEK, CA 94596  
US  
Emergency Phone: 800-434-9300 OR NIGHT 800-231-1366  
Info Phone: 415-977-6500  
Cage: DO426

### **Contractor**

WELCO GASES CORP.  
WALNUT CREEK, CA 94596  
US  
510-977-6500  
Cage: OC525

### **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  
Explanation of Carcinogenicity: ARGON IS NONTOXIC BUT LIBERATION OF  
LARGE AMOUNT IN A CONFID AREA COULD DISPLACE AMOUNT OF OXYGEN IN AIR  
Effects of Overexposure: LOSS OF BALANCE, DIZZINESS, TIGHTNESS IN  
FRONTAL AREA OF FOREHEAD, TINGLING OF  
TONGUE, FINGERTIPS, TOES, WEAKENED SPEECH LEADING TO UTTER SOUNDS,  
RAPID REDUCTION IN MOVEMENTS, REDUCED CONSCIOUSNESS OF S  
URROUNDING, LOSS OF TACTILE SENSATIONS, HEIGHTENED MENTAL ACTIVITY

### **First Aid**

First Aid: PROMPT MEDICAL ATTENTION IS MANDATORY IN ALL CASES OF  
OVEREXPOSURE TO ARGON. RESCUE PERSONNEL SHOULD BE EQUIPPED WITH  
SCBA. INHALATION: QUICK REMOVAL FROM THE CONTAMINATED AREA IS  
MOST IMPORTANT. UNCONSCIOUS PERSONS SHOULD BE MOVED TO AN

UNCONTAMINATED AREA, GIVEN MOUTH TO MOUTH RESUSCITATION & SUPPLEMENTAL OXYGENMEDICAL ASSISTANCE SHOULD BE SOUGHT IMMEDIATELY.

## Fire Fighting

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

## Accidental Release

Spill Release Procedures:EVACUATE ALL PERSONNEL FROM AFFECTED AREA. IF LEAKS IN CONTAINER/CONTAINER VALVE, CONTACT THE CLOSEST LIQUID AIR CORPORATION. USE APPROPRIATE PROTECTIVE EQUIPMENT

## Handling

Handling and Storage Precautions:USE SUITABLE HANDTRUCK FOR CYLINDER MOVEMENT. STORE IN COOL, DRY, WELL VENTILATED AREA AWAY FROM HEAVY TRAFFICKED AREAS.  
Other Precautions:PROTECT CYLINDERS FROM PHYSICAL DAMAGE. CYLINDERS SHOULD BE STORED UPRIGHT & FIRMLY SECURED TO PREVENT FALLING. FULL & EMPTY CYLINDERS SHOULD BE SEGREGATED. DO NOT ALLOW TEMP WHERE CYLINDERS ARE STORED TO EXCEED 130F (54C).

## Exposure Controls

Respiratory Protection:POSITIVE PRESSURE AIR LINE W/MASK OR SELF CONTAINED BREATHING APPARATUS SHOULD BE AVAILABLE FOR EMERGENCY USE.  
Ventilation:LOCAL EXHAUST TO PREVENT ACCUMULATION OF HIGH CONCENTRATIONS SO AS TO REDUCE THE OXYGEN LEVEL IN THE AIR TO 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:.1034  
Spec Gravity:1.38  
Solubility in Water:.0340  
Appearance and Odor:COLORLESS, ODORLESS GAS  
Percent Volatiles by Volume:NA

## Stability

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

## Disposal

Waste Disposal Methods:DO NOT ATTEMPT TO DISPOSE OF RESIDUAL/UNUSED QTY. RETURN IN SHIPPING CONTNR PROPERLY LABELED, WITH VALVE OUTLET PLUGS/CAPS SECURED & VALVE PROTECTION CAP IN PLACE. CONTACT CLOSEST LIQUID AIR CORP. FOR EMERGENCY DISPOSAL.

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