

LIQUID AIR CORPORATION -- ARGON -- 6830-00-564-8989

===== Product Identification =====

Product ID:ARGON

MSDS Date:10/01/1985

FSC:6830

NIIN:00-564-8989

MSDS Number: BHDNK

=== Responsible Party ===

Company Name:LIQUID AIR CORPORATION

Address:2121 N. CALIFORNIA BLVD.

City:WALNUT CREEK

State:CA

ZIP:94596

Country:US

Info Phone Num:415-977-6500

Emergency Phone Num:414-977-6500

CAGE:DO426

=== Contractor

Identification ===

Company Name:LIQUID AIR CORP ONE CALIFORNIA PLAZA

Address:2121 N. CALIFORNIA BLVD

Box:City:WALNUT CREEK

State:CA

ZIP:94596

Country:US

Phone:415-977-6500

CAGE:18260

Company Name:LIQUID AIR CORPORATION

Address:2121 N. CALIFORNIA BLVD., SUITE 350

City:WALNUT CREEK

State:CA

ZIP:94596

Phone:510-977-6500

CAGE:DO426

Company Name:WELCO GASES CORP.

CAGE:0C525

===== Composition/Information on Ingredients =====

Ingred Name:ARGON

CAS:7440-37-1

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Hazards Identification =====

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 SPEE  
CH LEADING TO INABILITY TO  
UTTER SOUNDS,RAPID REDUCTION IN ABILITY TO PERFO RM  
MOVEMENTS,REDUCED CONSCIOUSNESS OF SURROUNDINGS,LOSS OF TACTILE  
SENSATIONS,&HEIGHTED MENTAL ACTIVITY.

===== First Aid Measures =====

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 UNCONTA MINATED AREA.  
UNCONSCIOUS PERSON SHOULD BE GIVEN  
MOUT-TO-MOUTH RESUSCITATION & SUPPLEMENTAL OXYGEN.QUICK REMOVAL  
FROM THE CONTAMINATED AREA IS MOST IMPORTANT.

===== Fire Fighting Measures =====

Extinguishing Media:NONFLAMMABLE, INERT GAS

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

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

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

Handling and Storage Precautions:USE IN WELL-VENTILATED AREAS.DO NOT  
DRAG,SLIDE, ORROLL CYLS.USE SUITABLE HAND TRUCK. PROTECT  
CYLNDRSFROM 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 BE

EN FILLED BY THE OWNER OR W/HIS WRITTEN  
CONSENT IS A VIOLATION OF FEDERAL LAW (49CFR).

===== Exposure Controls/Personal Protection =====

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/GLA  
SSES

Other Protective Equipment: SAFETY SHOES

Supplemental Safety and Health  
NK

===== Physical/Chemical Properties =====

Boiling Pt: B.P. Text: -302.55F

Vapor Pres: >-188.12F

Vapor Density: .1034 LB/FT<sup>3</sup>

Spec Gravity: 1.38 @ 70F AIR=1

Solubility in Water: BUN COEF .0340 @ 68F

Appearance and Odor: COLORLESS, ODORLESS GAS

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES  
NONE

Hazardous Decomposition Products: NONE

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===== Disposal Considerations =====

Waste Disposal Methods: DO NOT ATTEMPT TO DISPOSE OF WTR OR UNUSED  
QTY'S. 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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