

AIRCO -- ARGON, REFRIGERATED LIQUID -- 6830-01-197-7869

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Product Identification
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Product ID:ARGON, REFRIGERATED LIQUID

MSDS Date:07/01/1987

FSC:6830

NIIN:01-197-7869

MSDS Number: BHFHD

=== Responsible Party ===

Company Name:AIRCO

Address:575 MOUNTAIN AVENUE

Box:NA

City:MURRAY HILL

State:NJ

ZIP:07974

Country:US

Info Phone Num:201-464-8100

Emergency Phone Num:201-464-8100

CAGE:AIRCO

=== Co

ntractor Identification ===

Company Name:AIRCO

Address:575 MOUNTAIN AVE

Box:NA

City:MURRAY HILL

State:NJ

ZIP:07974

Country:US

Phone:201-464-8100

CAGE:AIRCO

Company Name:AIRCO INC, AIRCO INDUSTRIAL GASES DIV.

Address:575 MOUNTAIN AVE

Box:City:MURRAY HILL

State:NJ

ZIP:07974-2006

Country:US

Phone:800-424-9300(CHEMTREC)

CAGE:00741

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Composition/Information on Ingredients
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Ingred Name:ARGON

CAS:7440-37-1

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

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

Health Hazards Acute and Chronic:CONTACT WITH CROGENIC LIQUID OR COLD PIPING CONTAINING THE LIQUID CAN CAUSE TISSUE FREEZING OR FROSTBITE ON DERMAL CONTACT OR IF SPLASHED IN THE EYES.

Explanation of Carcinogenicity:ARGON IS NONTOXIC BUT THE LIBERATION OF A LARGE AMOUNT IN A CONFINED AREA COULD DISPLACE THE AMOUNT OF OXYGEN IN AIR

Effects of Overexposure:LOSS OF BALANCE OR DIZZINESS; TINGLING OF THE TONGUE, FINGERTIPS, TOES; WEAKENEDSPEECH LEADING TO THE INABILITY TO UTTER SOUNDS; RAPID REDUCTION IN ABILITY TO PERFORM MOVEMENTS; REDUCED CONSCIOUSNESS OF THE SURROUNDINGS; LOSS OF TACTILESENSATIONS; HEIGHTENED MENTAL ACTIVITY; TIGHTNESS IN FRONTAL AREA OF FOREHEAD.

Medical Cond Aggravated by Exposure:FROSTBITE EFFECTS ARE CHANGE IN COLOR OF THE SKIN TO GRAY OR WHITE POSSIBLE FOLLOWED BY BLISTERING.

==== Fir
st Aid Measures =====

First Aid:PROMPT MEDICAL ATTENTION IS MANDATORY IN ALL CASES OF OVEREXPOSURE TO ARGON. RESCUE PERSONNEL SHOULD BE EQUIPPED W/SCBA. INHAL: QUICK REMOVAL FROM AREA IS MOST IMPORTANT. UNCONSCIOUS PERSONS SHOULD BE GIVEN MOUTH TO MOUTH RESUSCITATION& SUPPLEMENTAL OXYGEN. EYE:IMMEDIATELY FLUSH W/TEPID WTR IN LG QTY. OR W/STERILESALINE SOLUTION.DONOT USE HOT WATER FOR DERMAL/FRSTBITE FLUSH W/LUKEWARM WATER.

==== F
ire Fighting Measures =====

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 Measures =====

Spill Release Procedures:EVACUATE ALL PERSONNEL FROM AFFECTED AREA. USE APPROPRIATE PROTECTIVE EQUIP. DO NOT ATTEMPT TO REPAIR, ADJUST OR IN ANY WAY MODIFY THE OPERATION OF THESE VESSELS.

==== Handling

and Storage =====

Handling and Storage Precautions:LIQ. ARGON VESSELS SHOULD BE USED IN WELL VENTL AREAS. CYLINDERS MUST ALWAYS BE KEPT UPRIGHT. SPECIALIZED TRUCKS ARE NEEDED FOR THEIR MOVEMENT.

Other Precautions:IF MALFUNCTION OF OTHER TYPE OF OPERATIONAL PROBLEM OCCURS CONTACT CLOSEST AIRCO/BOC LOCATION IMMEDIATELY.

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

Respiratory Protection:POSITIVE PRESSURE AIR LINE W/FULL FACEPIECE & AN

ESCAPE AIR SUPPLY OR SCBA SHOULD BE AVAILABLE FOR EMERGENCY USE.

Ventilation:PREVENT ACCUMULATION OF HIGH CONCENTRATIONS SO AS TO REDUCE THE OXYGEN LEVEL IN THE AIR TO LESS THAN 18 PERCENT.

Protective Gloves:LOOSE FITTING, INSULATED

Eye Protection:SAFETY GOGGLES/GLASSES PLUS FACE SHIELD

Other Protective Equipment:SAFETY SHOES

Supplemental Safety and Health

NK

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

Boiling Pt:B.P. Text:*SEE BELOW

Vapor Pres:*SEE BELOW

Vapor Density:87 LB/FT3

Spec Gravity:1 ATM 1.381

Solubility in Water:VERY SLIGHTLY

Appearance and Odor:CLEAR, ODORLESS LIQUID

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

Stability Indicator/Materials to Avoid:YES

NONE

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:NONE

Conditions to Avoid Polymerization:*BOILING PT: -302.6F/189.9C

*VAPOR PRESSURE: -188.1F/-122.3C

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

Wast

e Disposal Methods:DO NOT ATTEMPT TO DISPOSE OF RESIDUAL OR UNUSED QUANTITIES. RETURN TO AIRCO FOR PROPER DISPOSAL.

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