

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

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

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

=== C

Contractor 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

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

Ingred Name:ARGON

CAS:7440-37-1

===== 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: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; WEAKENED SPEECH LEADING TO THE INABILITY
TO UTTER SOUNDS; RAPID REDUCTION IN ABILITY TO PERFORM MOVEMENTS;
REDUCED CONSCIOUSNESS OF THE SURROUNDINGS; LOSS OF
TACTILE SENSATIONS; HEIGHTENED MENTAL ACTIVITY; TIGHTNESS IN FRONTAL
AREA OF FOREHEAD.
Medical Condition Aggravated by Exposure:FROSTBITE EFFECTS ARE CHANGE IN
COLOR OF THE SKIN TO GRAY OR WHITE POSSIBLE FOLLOWED BY
BLISTERING.

===== Fi
First 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 WATER IN LG QTY.
OR W/STERILE SALINE SOLUTION.DONOT USE HOT WATER FOR DERMAL/FROSTBITE
FLUSH W/LUKEWARM WATER.

===== Fire 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

g 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 =====

Was

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

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent p
rofessional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.