

## **ARGON**

### **MSDS Number**

BYVVB

### **National Stock Number**

6830-00-169-0779

### **Product Name**

ARGON

### **Manufacturer**

AIRCO INC AIRCO INDUSTRIAL GASES DIV

### **Product Identification**

Product ID:ARGON  
MSDS Date:03/03/1993  
FSC:6830  
NIIN:00-169-0779  
MSDS Number: BYVVB

### **Responsible Party**

AIRCO INC, AIRCO INDUSTRIAL GASES DIV.

575 MOUNTAIN AVE

MURRAY HILL , NJ 07974-2006

US

Emergency Phone: 800-424-9300(CHEMTREC)

Info Phone: 1800-734-5463

Cage: 00741

### **Contractor**

AIRCO INC, AIRCO INDUSTRIAL GASES DIV.

MURRAY HILL, NJ 07974-2006

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800-424-9300(CHEMTREC)

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### **Ingredients**

NO INGREDIENT FOR THIS FORMULATION\_INGREDIENT

### **Hazards**

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYE:CONTACT W/LIQ MAY CAUSE TISSUE FREEZING.SKIN:FROSTBITE EFFECTS APPEAR AS CHANGE IN COLOR TO GRAY OR WHITE POSSIBLY FOLLOWED BY BLISTERING,MAY OCCUR UPON CONTACT W/LIQ.ORAL:INGEST UNLIKELY SINCE PR OD GAS @RT.CONTACT W/LIQ MAY FREEZE TISSUE,TREAT AS FROSTBITE.SEE DR.INHAL:SIMPLE ASPHYXIAN.TMAINTAIN OXY (SIGNS/SYMPT)  
Explanation of Carcinogenicity:PER  
MSDS:CARCINOGENICITY:NTP/IARC/OSHA:NO.  
Effects of Overexposure:HEALTH HAZ:LEVELS >19.5% @SEA LEVEL.EFFECTS OF OVEREXPO TO HIGH CONCEN SO AS TO DISPLACE OXY IN AIR NECESSARY FOR LIFE MAY INCLUDE ANY ALL/NONE:TINGLING OF TONGUE,FINGERTIPS,TOES;WEAK SPECCH LEADING T O INABILITY TO UTTER SOUNDS;RAPID REDUCTION IN ABILITY TO PERFORM MOVEMENTS;LOSS OF TASATILE SENS;HEIGHTNED MENTAL ACTIV

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

## First Aid

First Aid:EYES:IMMED FLUSH W/TEPID WATER IN GL QUANT OR W/STERILE SALINE SOLN.SEEK MED ATTN.DO NTO USE HOT WATER. SKIN:REMOVE CONTAMIN CLOTH.FLUSH AREA W/LUKEWARM WATER.DO NTO USE HOT WATER.IF CRYOGENIC BURN HAS RESULTING IN BLISTERING DERM SURFACE/DEEP TISSUE FREEZING SEE DR IMMED. INHAL:PROMPT MED ATTN MANDATORY IN ALL OVEREXPO CASES.RESCUE PEOPLE EQUIPPED W/SCBA.MOVE AWAY FRM EXPO TO FRESH AIR.(SUPPLEME)

## Fire Fighting

Flash Point:NON-FLAMMABLE  
Extinguishing Media:NON-FLAMMABLE. INERT GAS. USE ANY EXTINGUISHING MEDIA WHICH IS SUITABLE FOR THE SURROUNDING FIRE.  
Fire Fighting Procedures:NONE.  
Unusual Fire/Explosion Hazard:NONE.

## Accidental Release

Spill Release Procedures:EVACUATE PERSONNEL.USE PPE.LEAK IN USER'S EQPMT BE CERTAIN TO PURGE PIPING W/INERT GAS PRIOR TO ATTEMPTING REPAIRS.LEAK IN CNTNR/CNTNR VALVE CONTACT CHEMTREC FOR EMERG ASSIST OR CALL CLOSEST AIRCO LOC ATION.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:USE ONLY IN WELL-VENTI AREA.VALVE PROT CAPS REMAIN ON UNLESS CNTNR SECURED W/VALVE PROT OUTLET PIPED TO USE PT.DO NOT DRAG/SLIDE/ROLL CYL;USE HANDTRK.  
Other Precautions:USE PRESS RED REG WHEN CONNECTING CYL TO PIPE/SYS.DO NOT HEAT CYL TO INCR DISCHARGE RATE.USE CHECK VLAVE/TRAP IN DISCHARGE LINE;PREVENTS HAZ BACKFLOW INTO CYL.PROTECT CYL FRM PHYS DMG.STORE IN COOL DRY AWAY FRM HEAVILY TRAFF(SUPP)

## Exposure Controls

Respiratory Protection:AN AIRLINE RESP W/FULL FACEPIECE EQUIPPED W/ESCAPE BTL OR SELF-CONTAINED BREATHING APPARATUS SHOULD BE AVAILABLE FOR EMERGENCY USE.OPERATE EQPMT IN POSITIVE PRESSRUE DEMAND MODE.  
Ventilation:USE LOC EXHAU VENTI TO REDUCE CONCEN TO W/IN CURRENT EXPO LIMITS.LAB TY HOOD FOR HDNLG SM/LIMITED QUANT.OXY LEVEL>19.5%.  
Protective Gloves:PROT GLOVES;INSULATED GLOVES FOR LIQ.  
Eye Protection:SAFETY GOGGLES OR GLASSES.  
Other Protective Equipment:SAFETY SHOES,EYEWASH,SAFETY SHOWER.  
Work Hygienic Practices:THERE'S NO DEFINITE SYMPTOMS OF EXPOSURE.ARGON IS NON-TOXIC BUT LIBERATION OF LG AMTS IN CONFINED AREA DISPLACES OXY.  
Supplemental Safety and Health  
1ST AID:UNCONSC GIVE ART RESUSCI/SUPPLEMENTAL OXY.FURTHER TREAT SHOULD BE SYMPTOMATIC/SUPPROTIVE. OTH PREC:EMRG EXITS.DON'T ALLOW STORAGE AREA TEMP >125F.STORE UPRIGHT/FIRMLY SECURED TO PREVENT FALL/KN OCK OVER.USE 1ST IN-1ST OUT INVENTORY SYS.NEVER CARRY IN ENCLSD SPACE-LEAK CAN OCCUR.

## Chemical Properties

HCC:G3  
Boiling Pt:B.P. Text:-302F,-186C  
Melt/Freeze Pt:M.P/F.P Text:-309F,-189C  
Vapor Density:1.38 GAS  
Solubility in Water:SLIGHT  
Appearance and Odor:COLORLESS GAS, ODORLESS.

## Stability

Stability Indicator/Materials to Avoid:YES  
NONE SPECIFIED BY MANUFACTURER.  
Stability Condition to Avoid:PRODUCT IS AN INERT GAS.  
Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

## Disposal

Waste Disposal Methods:DO NOT ATTEMPT TO DISPOSE OF WASTE/UNUSED QUANT.RETURN IN SHIPPING CNTNR PROPERLY LABELED W/ANY VALVE OUTLET PLUGS/CAPS SECURED/VALVE PROTECTION CAP IN PLACE TO AIRCO FOR PROPER DISPO.

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