

ARGON

MSDS Number

BQQDM

National Stock Number

6830-00-169-0779

Product Name

ARGON

Manufacturer

NATIONAL WELDERS SUPPLY CO INC

Product Identification

Product ID:ARGON
MSDS Date:01/01/1991
FSC:6830
NIIN:00-169-0779
MSDS Number: BQQDM

Responsible Party

NATIONAL WELDERS SUPPLY CO INC

810 GESCO

CHARLOTTE , NC 28231

US

Emergency Phone: 704-333-5475 800-424-9300(CHEMTREC)

Info Phone: 704-333-5475 800-866-4422

Cage: 18264

Contractor

NATIONAL WELDERS SUPPLY CO INC

31007

CHARLOTTE, NC 28231

US

704-333-5475

Cage: 18264

Ingredients

ARGON

CAS: 7440-37-1

Fraction By Weight: >99.9%

Hazards

LD50 LC50 Mixture:TLV OCCURS WHEN OXYGEN Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

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

Health Hazards Acute and Chronic:ARGON ACTS AS AN ASPHYXIANT;IT
DISPLACES OXYGEN.OXYGEN LEVELS SHOULD NOT FALL BELOW 18 MOL
PERCENT.

Explanation of Carcinogenicity:NOT APPLICABLE.

Effects of Overexposure:LOSS OF BALANCE,DIZZINESS,TIGHTNESS IN THE
FRONTAL REGION OF THE FOREHEAD,TINGLING IN THE
TOES,FINGERS,TONGUE,AFFECTED SPEECH,INABILITY TO UTTER SOUNDS,RAPID
REDUCTION IN MOTOR CONTROL,ALTERED CONSCIOUSNESS,LOSS OF
FEELING.NOTE!ARGON ASPHYXIATION MAY OCCUR WITHOUT WARNING.

Medical Condition Aggravated by Exposure:NOT REPORTED

First Aid

First Aid:INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.GET PROMPT QUALIFIED MEDICAL HELP.

Fire Fighting

Flash Point:NON-FLAMMABLE

Extinguishing Media:NONFLAMMABLE, INERT GAS.USE APPROPRIATE MEDIA FOR SURROUNDING FIRE.

Fire Fighting Procedures:EVACUATE PERSONNEL.USE WATER SPRAY TO COOL FIRE EXPOSED CYLINDERS.HMIS SUGGESTS ALWAYS USING A SELF-CONTAINED BREATHING APPARATUS WHEN FIGHTING A CHEMICAL FIRE.

Unusual Fire/Explosion Hazard:CONTAINER MAY RUPTURE FROM HEAT.

Accidental Release

Spill Release Procedures:EVACUATE ALL PERSONNEL FROM AFFECTED AREA. USE APPROPRIATE PROTECTIVE EQUIP.IF LEAK IS IN CONTAINER VALVE, CONTACT YOUR CLOSEST SUPPLIER OR CALL 800-424-9300(CHEMTREC).

Neutralizing Agent:NONE.

Handling

Handling and Storage Precautions:USE/STORE IN COOL,DRY,WELL VENTILATED AREA.KEEP CYLINDERS UPRIGHT & SECURED.SEGREGATE FULL/EMPTY CYL. KEEP CYLINDERS AWAY FROM HEAT SOURCES.

Other Precautions:COMPRESSED GAS CYLINDERS SHOULD NOT BE REFILLED EXCEPT BY QUALIFIED PRODUCERS OFCOMPRESSED GASES. USE A CHECK VALVE OR TRAP IN THE DISCHARGE LINE TO PREVENT HAZARDOUS BACK FLOW INTO THE CYLINDER.

Exposure Controls

Respiratory Protection:POSITIVE PRESSURE AIR LINE WITH MASK OR SELF-CONTAINED BREATHING APPARATUS SHOULD BE AVAILABLE FOR EMERGENCY USE.

Ventilation:MAINTAIN OXYGEN ABOVE 18 MOL PERCENT.

Protective Gloves:NOT NESCESSARY.

Eye Protection:SAFETY GOGGLES OR GLASSES

Other Protective Equipment:SAFETY SHOES

Work Hygienic Practices:NO SPECIAL REQUIREMENTS.

Supplemental Safety and Health

HMIS SPOKE TO NORMAN BROWN,AT NATIONAL WELDERS,ON 5/12/93.HE TOLD US THAT THE PERCENTAGE OF ARGON IS 99.995.IT WAS NOT SPECIFIED ON THE MSDS.

Chemical Properties

HCC:G3

Boiling Pt:B.P. Text:-302F/-185C

Vapor Density:1.6KG/M3

Spec Gravity:1.38

Solubility in Water:SLIGHT

Appearance and Odor:GAS;COLORLESS;ODORLESS

Stability

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

Disposal

Waste Disposal Methods:DO NOT ATTEMPT TO DISPOSE OF WASTE OR UNUSED QUANTITIES. RETURN IN THE SHIPPING CONTAINER PROPERLY LABELED, WITH VALVE OUTLET PLUGS OR CAPS SECURED AND VALVE PROTECTION CAP IN PLACE TO YOUR SUPPLIER. CALL SUPPLIER FOR EMERGENCY DISPOSAL ASSISTANCE.

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