

NATIONAL WELDERS SUPPLY CO INC -- ARGON -- 6830-00-290-4291

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Product Identification
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Product ID:ARGON
MSDS Date:11/20/1988
FSC:6830
NIIN:00-290-4291
MSDS Number: BHDJC
=== Responsible Party ===
Company Name:NATIONAL WELDERS SUPPLY CO INC
Address:810 GESCO
Box:31007
City:CHARLOTTE
State:NC
ZIP:28231
Country:US
Info Phone Num:704-333-5475(X308)/FAX 344-1711
Emergency Phone Num:800-866-442
2/800-424-9300(CHEMTREC)
CAGE:18264
=== Contractor Identification ===
Company Name:NATIONAL WELDERS SUPPLY CO INC
Address:810 GESCO ST
Box:31007
City:CHARLOTTE
State:NC
ZIP:28231
Country:US
Phone:704-333-5475
CAGE:18264

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

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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. IT SHOULD ALSO BE RECOGNIZED THAT IT IS POSSIBLE THAT NONE OF THE SYMPTOMS MAY OCCUR IN ARGONASPHYXIA SO THAT THERE ARE NO DEFINITE WARNING SYMPTOMS.

Effects of Overexposure: ANY, ALL, OR NONE OF THE ABOVE COULD OCCUR RESULTING FROM ARGON DISPLACED OXYGEN SYMPTOMS: DIZZINESS; FOREHEAD TIGHTNESS;

TINGLING OF TONGUE, FINGERTIPS, & TOES; WEAKENED SPEECH; RAPID REDUCTION IN ABILITY TO PERFORM MOVEMENTS; REDUCED CONSCIOUSNESS OF THE SURROUNDINGS; LOSS OF TACTILE SENSATIONS; HEIGHTENED MENTAL ACTIVITY

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First Aid Measures
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First Aid: PROMPT MEDICAL ATTENTION IS MANDATORY IN ALL CASES OF OVEREXPOSURE TO ARGON. RESCUERS SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS. CONSCIOUS PERSONS SHOULD BE ASSISTED TO AN UNCONTAMINATED AREA & INHALE FRESH AIR.

QUICK REMOVAL FROM THE CONTAMINATED AREA IS MOST IMPORTANT. UNCONSCIOUS PERSONS SHOULD BE MOVED TO AN UNCONTAMINATED AREA, GIVEN CPR, AND SUPPLEMENTAL OXYGEN.

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Fire Fighting Measures
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Extinguishing Media: NONFLAMMABLE, INERT GAS

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Accidental Release Measures
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Spill Release Procedures: EVACUATE ALL PERSONNEL FROM AFFECTED AREA. USE APPROPRIATE PROTECTIVE EQUIPMENT. IF LEAK IS IN CONTAINER OR CONTAINER VALVE, CONTACT CLOSEST SUPPLIER LOCATION.

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Handling and Storage
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Handling and Storage Precautions: USE/STORE IN COOL, DRY, WELL-VENTILATED AREA. PROTECT CYLINDERS FROM PHYS. DAMAGE. CYL. SHOULD BE STORED SECURELY & UPRIGHT. SEGREGATE FULL/EMPTY CYLINDERS.

Other Precautions: KEEP CYLINDERS AWAY FROM ALL SOURCES OF HEAT. ARGON IS HEAVIER THAN AIR & LEAKING GAS COULD ACCUMULATE IN LOW AREAS AND CAUSE

SE SUFFOCATION WITHOUT WARNING.COMPRESSCYLINDERS SHOULD NOT BE
REFILLED EXCEPT BY QUALIFIED PRODUCERS OF COMPRESS GASES

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

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

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

Protective Gloves:ANY
MATERIAL

Eye Protection:SAFETY GOGGLES OR GLASSES

Other Protective Equipment:SAFETY SHOES

Supplemental Safety and Health

ARGON IS NONCORROSIVE AND MAY BE USED WITH ANY COMMON STRUCTURE
MATERIAL.

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

HCC:G3

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

Vapor Pres:*SEE BELOW

Vapor Density:*SEE BELOW

Spec Gravity:1.38

Solubility in Water:VERY SLIGHTLY

Appearance and Odor:COLORLESS, ODORLESS GAS

===== Stability and Reactivity D

ata =====

Stability Indicator/Materials to Avoid:YES

NK *VAP DENS: .1034 LB/FT3 (1.656 KG/M3)

Stability Condition to Avoid:NK *VAP PRES: @ 70F (21C):ABOVE CRITICAL
TEMP OF -188F/-122C

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

Waste Disposal Methods:DO NOT ATTEMPT TO DISPOSE OF RESIDUAL OR UNUSED
QUANTITIES. RTN IN THE SHIPPING CONTAINER PROPERLYLABELED,WITH ANY
VALVE OUTLET PLUGS OR CAPS SECUREAND VALVE PROTECTION CAP IN PLACE,
TO SUNOX

FOR PROPER DISPOSAL.

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