

SUNOX INCORPORATED -- ARGON -- 6830-00-290-4291

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

Product ID:ARGON
MSDS Date:04/08/1986
FSC:6830
NIIN:00-290-4291
MSDS Number: BHDJB
=== Responsible Party ===
Company Name:SUNOX INCORPORATED
Address:4236 STATESVILLE ROAD
Box:33871
City:CHARLOTTE
State:NC
ZIP:28233
Country:US
Info Phone Num:704-596-6262
Emergency Phone Num:803-324-4180
CAGE:SUNOX
=== Contractor Identification ===
Company Name:SUNOX INCORPORATED
Address:4236 STATESVILLE ROAD
Box:33871
City:CHARLOTTE
State:NC
ZIP:28233
Country:US
Phone:704-596-6262
CAGE:SUNOX

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

Ingred Name:ARGON
CAS:7440-37-1
RTECS #:CF2300000
ACGIH TLV:ASPHYXIAN; 9192

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===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Haz

ards Acute and Chronic:IT SHOULD BE RECOGNIZED THAT IT IS POSSIBLE THAT NONE OF THE SYMPTOMS MAY OCCUR IN NITROGEN ASPHYXIA SO THAT THERE ARE NO DEFINITE WARNING SYMPTOMS.

Effects of Overexposure:SYMPTOMS INCLUDE:DIZZINESS;FOREHEAD TIGHTNESS;TINGLING OF TONGUE,FINGERTIPS,TOESWEAKENED SPEECH;RAPID REDUCTION IN ABILITY TO PERFORM MOVEMENTS;REDUCED CONSCIOUSNESS OF THE SURROUNDINGS;LOSS OF TACTILE SENSATIONS;HEIGHTENED MENTAL ACTIVITY.ANY, ALL, OR NONE OF THE ABOVE COULD OCCUR RESULTING FROM ARGON DISPLACED OXYGEN

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===== First Aid Measures =====

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. QUICKREMOVAL 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 =====

Extinguishing Media:NONFLAMMABLE, INERT GAS

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===== Accidental Release Measures =====

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

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===== Handling and Storage =====

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

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===== Exposure Controls/Personal

I 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 STRUCTURAL MATERIAL.

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

HCC: G3

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

Vapor Pres: *SEE BELOW

Vapor Density: *SEE BELOW

Spec Gravity: 70F(AIR=1) 1.38

Solubility in Water: 68 FBUNSEN COEF-.0340

Appearance and Odor: COLORLESS, ODORLESS GAS.

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

Stability Indicator/Materials to Avoid: YES

NK *VAPOR DENSITY: .1034 LB/FT³ (1.656 KG/M³)

Stability Condition to Avoid: NK *VAPOR

PRESSURE: @70F (21.1C) ABOVE THE 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 PROPERLY LABELED, WITH ANY VALVE OUTLET PLUGS OR CAPS SECURE AND VALVE PROTECTION CAP IN PLACE, TO SUNOX FOR PROPER DISPOSAL.

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