



NITROGEN

MSDS Number

BHDLW

National Stock Number

6830-00-442-5670

Product Name

NITROGEN

Manufacturer

SUNOX INCORPORATED

Product Identification

Product ID:NITROGEN
MSDS Date:04/08/1986
FSC:6830
NIIN:00-442-5670
MSDS Number: BHDLW

Responsible Party

SUNOX INCORPORATED
4236 STATESVILLE ROAD
CHARLOTTE , NC 28233
US

Emergency Phone: 803-324-4180

Info Phone: 704-596-6262

Cage: SUNOX

Contractor

SUNOX INCORPORATED
33871
CHARLOTTE, NC 28233
US

704-596-6262

Cage: SUNOX

Ingredients

NITROGEN

CAS: 7727-37-9

RTECS: QW9700000

ACGIH TLV: ASPHYXIAN; 9192

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:NITROGEN 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.
Explanation of Carcinogenicity:NITROGEN IS DEFINED AS A SIMPLE
ASPHYXIAN.
Effects of Overexposure:MAY INCLUDE ANY,ALL,OR NONE OF FOLLOWING:LOSS
OF BALANCE;DIZZINESS;TIGHTNESS IN FRONTAL AREA OF FOREHEAD;TINGLING
OF TONGUE,FINGERTIPS,TOES;WEAKENED SPEECH TO UTTER SOUNDS;RAPID
REDUCTION IN MOVEMENT S;REDUCED CONSCIOUSNESS OF SURROUNDINGS;LOSS



OF TACTILE SENSATIONS;HEIGHTENED MENTAL ACTIVITY.

First Aid

First Aid:PROMPT MEDICAL ATTENTION IS MANDATORY IN ALL CASES OF OVEREXPOSURE TO NITROGEN. RESCUE PERSONNEL SHOULD BE EQUIPPED W/S.C.B.A. INHAL: QUICK REMOVAL FROM CONTAMINATED AREA IS MOST IMPORTANT.UNCONSCIOUS PERSONS SHOULD BE GIVEN MOUTH TO MOUTH RESUSCITATION & SUPPLEMENTAL OXYGEN. MEDICAL ASSISTANCE SHOULD BE SOUGHT IMMEDIATELY.

Fire Fighting

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

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

Handling

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED AREA AWAY FROM HEAVY TRAFFIC AREAS. PROTECT CYLINDERS FROM PHYSICAL DAMAGE. USE A SUITABLE HANDTRUCK FOR MOVEMENT.
Other Precautions:DONOT DRAG, SLIDE, OR ROLL CYLINDERS. DONOT ALLOW TEMPERATURE WHERE CYLINDERS ARE STORED TO EXCEED 130F(54C). SEGREGATE FULL & EMPTY CYLINDERS. CYLINDER SHOULD BE STORED UPRIGHT AND FIRMLY SECURED TO PREVENT FALLING OR BEING KNOCKED OVER.

Exposure Controls

Respiratory Protection:POSITIVE PRESSURE AIR LINE W/MASK OR S.C.B.A. SHOULD BE AVAILABLE FOR EMERGENCYS
Ventilation:LOCAL EXHAUST TO PREVENT ACCUMULATION OF HIGH CONCENTRATIONS SO AS TO REDUCE OXYGEN LEVEL IN AIR > 18 MOLAR PERCENT.
Protective Gloves:ANY MATERIAL
Eye Protection:SAFETY GOGGLES OR GLASSES
Other Protective Equipment:SAFETY SHOES
Supplemental Safety and Health
NK

Chemical Properties

Boiling Pt:B.P. Text:*SEE BELOW
Vapor Pres:*SEE BELOW
Vapor Density:.07245
Spec Gravity:@ 70F = .97
Solubility in Water:.01557
Appearance and Odor:COLORLESS, ODORLESS GAS
Percent Volatiles by Volume:NA

Stability

Stability Indicator/Materials to Avoid:YES
NONE
Hazardous Decomposition Products:NONE

Disposal

Waste Disposal Methods:DONOT ATTEMPT TO DISPOSE OF WASTE OR UNUSED QTY'S. RETURN IN SHIPPING CONTAINER PROPERLY LABELED W/OUTLET PLUG/CAPS SECURED & VALVE PROTECTION CAP IN PLACE TO SUNOX FOR PROPER DISPOSAL.

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