

SUNOX INCORPORATED -- NITROGEN -- 6830-00-598-9401

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Product Identification  
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Product ID:NITROGEN  
MSDS Date:04/08/1986  
FSC:6830  
NIIN:00-598-9401  
MSDS Number: BHDQQ  
=== 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  
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Composition/Information on Ingredients  
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Ingred Name:NITROGEN  
CAS:7727-37-9  
RTECS #:QW9700000  
ACGIH TLV:ASPHYXIAN; 9192

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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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Effects of Overexposure: EXPOSURE MAY INCLUDE ANY, NONE, OR ALL OF THE FOLLOWING: LOSS OF BALANCE/DIZZINESS/TIGHTNESS IN THE FRONTAL AREA OF THE FOREHEAD; TINGLING OF TONGUE, FINGER TIPS, TOES, WEAKENED SPEECH, RAPID REDUCTION IN ABILITY TO PERFORM MOVEMENTS, REDUCED CONSCIOUSNESS OF SURROUNDINGS, LOST TACTILE SENSATIONS, OR 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 NITROGEN. RESCUE PERSONNEL SHOULD BE EQUIPPED W/SELF CONTAINED BREATHING APPARATUS. INHALATION: QUICK REMOVAL FROM THE CONTAMINATED AREA IS MOST IMPORTANT. UNCONSCIOUS PERSONS SHOULD BE MOVED TO AN UNCONTAMINATED AREA, GIVEN MOUTH TO MOUTH RESUSCITATION & SUPPLEMENTAL OXYGEN. IMMEDIATELY GET MEDICAL ASSISTANCE

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Fire Fighting Measures  
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Flash Point: NA  
Lower Limits: NA  
Upper Limits: NA  
Extinguishing Media: NON FLAMMABLE, INERT GAS  
Fire Fighting Procedures: NA  
Unusual Fire/Explosion Hazard: NA

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

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Handling and Storage  
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Handling and Storage Precautions: DO NOT DRAG, SLIDE, OR ROLL CYLINDERS. STORE IN A COOL, DRY, WELL VENTILATED AREA AWAY FROM HEAVY TRAFFIC. FULL & EMPTY CYLINDERS SHOULD BE SEGREGATED.  
Other Precautions: COMPRESSED GAS CYLINDERS SHOULD NOT BE REFILLED EXCEPT BY QUALIFIED PRODUCERS OF COMPRESSED GASES.

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Exposure Controls/Personal Protection  
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Respiratory Protection: POSITIVE PRESSURE AIR LINE W/MASK OR SELF CONTAINED BREATHING APPARATUS SHOULD BE AVAILABLE FOR EMERGENCY USE.

Ventilation: LOCAL EXHAUST TO PREVENT ACCUMULATION OF HIGH

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ONCENTRATIONSSO AS TO REDUCE THE OXYGEN LEVEL IN THE AIR.

Protective Gloves:ANY MATERIAL

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:SAFETY SHOES

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:-320.445F

Vapor Pres:70F

Vapor Density:.07245

Appearance and Odor:COLORLESS,ODORLESS GAS

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

Stability Indicator/Materials to Avoid:YES

NO

NE

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:NONE

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

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 & VALVE PROTECTION CAP IN PLACE.

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