

## **NITROGEN**

### **MSDS Number**

BHCZS

### **National Stock Number**

6830-00-169-0794

### **Product Name**

NITROGEN

### **Manufacturer**

NATIONAL WELDERS

### **Product Identification**

Product ID:NITROGEN  
MSDS Date:11/20/1988  
FSC:6830  
NIIN:00-169-0794  
MSDS Number: BHCZS

### **Responsible Party**

NATIONAL WELDERS  
NA  
CHARLOTTE , NC 28231  
US

Emergency Phone: 704-333-5475

Info Phone: 704-333-5475

Cage: 18264

### **Contractor**

NATIONAL WELDERS SUPPLY CO INC  
31007  
CHARLOTTE, NC 28231  
US  
704-333-5475

Cage: 18264

### **Ingredients**

NITROGEN  
CAS: 7727-37-9  
RTECS: QW9700000  
ACGIH TLV: ASPHYXIAN; 9192

### **Hazards**

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Effects of Overexposure:EFFECTS MAY INCLUDE ANY,ALL,OR NONE OF THE  
FOLLOWING:LOSS OF BALANCE;TIGHTNESS IN FRONTAL AREA;TINGLING OF  
TONGUE,FINGERTIPS,TOES;WEAKENED SPEECH;RAPID REDUCTNIN  
MOVEMENTS;REDUCED CONSCIOUSNESS OF SU RROUNDING;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/SELFCONTAINED BREATHING APPARATUS.INHAL: QUICK REMOVAL FROM

CONTAMINATED AREA IS MOST IMPORTANT. UNCONSCIOUS PERSONS SHOULD BE GIVEN MOUTH TO MOUTH RESUSCITATION AND SUPPLEMENTAL OXYGEN.

## 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 IF LEAK IS IN CONTAINER/CONTAINER VALVE, CONTACT YOUR CLOSEST SUPPLIER. USE APPROPRIATE PROTECTIVE EQUIPMENT.

## Handling

Handling and Storage Precautions: USE SUITABLE HANDTRUCK FOR CYLINDER MOVEMENT. STORE IN COOL, DRY, WELL VENTILATED AREA AWAY FROM HEAVILY TRAFFICKED AREAS. SHOULD BE STORED UPRIGHT & FIRMLY  
Other Precautions: FULL AND EMPTY CYLINDERS SHOULD BE SEGREGATED. 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 W/MASK OR SELF CONTAINED BREATHING APPARATUS SHOULD BE AVAILABLE FOR EMERGENCY USE.  
Ventilation: LOCAL EXHAUST TO PREVENT ACCUMULATION OF HIGH CONCENTRATIONS SO AS TO REDUCE THE OXYGEN LEVEL IN THE AIR PERCENT.  
Protective Gloves: ANY MATERIAL  
Eye Protection: SAFETY GLASSES OR GOGGLES  
Other Protective Equipment: SAFETY SHOES  
Supplemental Safety and Health  
NK

## Chemical Properties

Boiling Pt: B.P. Text: -320.5F  
Vapor Pres: -232.6F  
Vapor Density: .0725  
Spec Gravity: @70F(21.1C) 0.97  
Evaporation Rate & Reference: NA  
Solubility in Water: VERY SLIGHTLY  
Appearance and Odor: COLORLESS, ODORLESS GAS

## Stability

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

## Disposal

Waste Disposal Methods: DONOT ATTEMPT TO DISPOSE OF WASTE OR UNUSED QTY. RETURN IN SHIPPING CONTAINER PROPERLY LABELED, W/VALVE OUTLET PLUGS OR CAPS SECURED & VALVE PROTECTION CAP IN PLACE. FOR EMERGENCY DISPOSAL CONTACT YOUR CLOSEST SUPPLIER.

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