

## **NITROGEN**

### **MSDS Number**

BHYJF

### **National Stock Number**

6830-00-432-0354

### **Product Name**

NITROGEN

### **Manufacturer**

NATIONAL WELDERS SUPPLY CO INC

### **Product Identification**

Product ID:NITROGEN  
MSDS Date:01/01/1987  
FSC:6830  
NIIN:00-432-0354  
MSDS Number: BHYJF

### **Responsible Party**

NATIONAL WELDERS SUPPLY CO INC  
810 GESCO  
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  
Fraction By Weight: 100%  
ACGIH TLV: ASPHYXIAN; 9192

### **Hazards**

LD50 LC50 Mixture:LD50 (ORAL RAT) IS NOT APPLICABLE.  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: PHYSICAL INJURY DUE TO RUPTURE/EXPLOSION OF CONTAINER. INJECTION OF COMPRESSED GAS INTO THE BLOOD STREAM. ASPHYXIATION DUE TO OXYGEN DEPRIVATION.  
Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.  
Effects of Overexposure:ASPHYXIATION MAY RESULT IN COLLAPSE AND LOSS OF CONSCIOUSNESS WITHOUT SYMPTOMS.

Medical Cond Aggravated by Exposure:NONE

## First Aid

First Aid:SAFELY REMOVE FROM EXPOSURE AND RESTORE BREATHING. GET MEDICAL CARE.

## Fire Fighting

Flash Point:NON-FLAMMABLE

Extinguishing Media:PRODUCT IS NON FLAMMABLE. EXTINGUISH FIRE WITH MEDIA APPROPRIATE FOR SOURCE OF FIRE.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:CONTAINS GAS UNDER PRESSURE. FIRE OR EXCESSIVE HEAT MAY CAUSE RUPTURE OF THE CYLINDER.

## Accidental Release

Spill Release Procedures:EVACUATE ALL PERSONNEL FROM RELEASE AREA.

Neutralizing Agent:NOT APPLICABLE.

## Handling

Handling and Storage Precautions:PROTECT CYLINDERS FROM PHYSICAL DAMAGE. STORE AWAY FROM EXTREME HEAT. KEEP CYLINDER VALVES CLOSED AND PROTECTED WHEN NOT IN USE AND WHEN EMPTY.

Other Precautions:DO NOT DEFACE CYLINDERS OR LABELS. USE ALL RECOMMENDED SAFETY PROCEDURES WHEN HANDLING COMPRESSED GAS CYLINDERS.

## Exposure Controls

Respiratory Protection:USE ONLY SELF CONTAINED BREATHING APPARATUS AS AIR PURIFYING RESPIRATOR WILL NOT HELP.

Protective Gloves:WORK GLOVES FOR HANDLING CYLINDERS.

Eye Protection:APPROVED SAFETY GLASSES OR FACE SHIELD.

Other Protective Equipment:SAFETY SHOES AND HEARING PROTECTION.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. USE PROPER CARE WHEN HANDLING AND STORING CYLINDERS.

Supplemental Safety and Health

## Chemical Properties

HCC:G3

Boiling Pt:B.P. Text:-320F,-196C

Vapor Density:0.9670

Solubility in Water:SLIGHT

Appearance and Odor:COLORLESS GAS,NO ODOR

Percent Volatiles by Volume:100

## Stability

Stability Indicator/Materials to Avoid:YES

NO INFORMATION GIVEN BY MANUFACTURER

Stability Condition to Avoid:NO INFORMATION GIVEN BY MANUFACTURER

Hazardous Decomposition Products:NO INFORMATION GIVEN BY MANUFACTURER

## Disposal

Waste Disposal Methods:RELEASE PRESSURE SAFELY IN A WELL VENTILATED AREA BEFORE DISPOSAL. DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS.

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