

1-029

## NATIONAL WELDERS SUPPLY CO INC -- NITROGEN -- 6830-00-432-0354

## ===== Product Identification =====

Product ID:NITROGEN  
 MSDS Date:01/01/1987  
 FSC:6830  
 NIIN:00-432-0354  
 MSDS Number: BHYJF  
 === Responsible Party ===  
 Company Name:NATIONAL WELDERS SUPPLY CO INC  
 Address:810 GESCO  
 Box:31007  
 City:CHARLOTTE  
 State:NC  
 ZIP:28231  
 Country:US  
 Info Phone Num:704-333-5475  
 Emergency Phone Num:704-333-5475  
 CAGE:18264

## ===== Contractor Identification =====

Company Name:NATIONAL WELDERS SUPPLY CO INC  
 Address:810 GESCO ST  
 Box:31007  
 City:CHARLOTTE  
 State:NC  
 ZIP:28231  
 Country:US  
 Phone:704-333-5475  
 CAGE:18264

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

Ingred Name:NITROGEN  
 CAS:7727-37-9  
 RTECS #:QW9700000  
 Fraction by Wt: 100%  
 Other REC Limits:NONE SPECIFIED  
 ACGIH TLV:ASPHYXIAN; 9192

## ===== Hazards Identification =====

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 Measures =====

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

## ===== Fire Fighting Measures =====

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 Measures =====

Spill Release Procedures:EVACUATE ALL PERSONNEL FROM RELEASE AREA.  
Neutralizing Agent:NOT APPLICABLE.

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

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/Personal Protection =====

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

===== Physical/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 and Reactivity Data =====

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 Considerations =====

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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