

NATIONAL WELDERS SUPPLY CO INC -- NITROGEN -- 6830-01-028-9402

===== Product Identification =====

Product ID:NITROGEN

MSDS Date:05/01/1996

FSC:6830

NIIN:01-028-9402

MSDS Number: BGFTT

=== 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(X308)/FAX 344-1711

Emergency Phone Num:800-8

66-4422/800-424-9300(CHEMTREC)

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

Company Name:NATIONAL WELDERS SUPPLY CO INC

Address:HWY 117 NORTH

Box:1093

City:GOLDSBORO

State:NC

ZIP:27530-8560

Country:US

CAGE:9C482

Company Name:NATIONAL WELDERS SUPPLY CO, INC

Address:2330 BOWDENS FERRY ROAD

Box:City:NORFOLK

State:VA

ZIP:23508

Country:US

Phone:804-627-

5673
CAGE:0SSR7

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Composition/Information on Ingredients
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Ingred Name:NITROGEN
CAS:7727-37-9
RTECS #:QW9700000
Fraction by Wt: 100%
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:ASPHYXIAN; 9596

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Hazards Identification
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LD50 LC50 Mixture:ORAL LD50 (RAT) IS UNKNOWN.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:NITROGEN IS DEFINED

AS A SIMPLE

ASPHYXIAN. 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:NONE

Effects of Overexposure:INHALATION MAY CAUSE DIZZINESS, TIGHTNESS IN FRONTAL AREA OF FOREHEAD, TINGLING OF TONGUE, FINGERTIPS, TOES, WEAKENED SPEECH WITH INABILILTY TO UTTER SOUND, RAPID REDUCTION IN ABILITY TO PERFORM MOVEM ENTS, REDUCED CONSCIOUSNESS OF SURROUNDI

NGS, LOSS OF TACTILE SENSATIONS, HEIGHTENED MENTAL ACTIVITY.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures
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First Aid:PROMPT MEDICAL ATTENTION IS MANDATORY. RESCUE WORKERS SHOULD WEAR SCBA. INHALATION: MOVE TO FRESH AIR. IF NOT BREATHING, GIVE CPR. IF BREATHING DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION.

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Fire Fighting Measures
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Extinguishing Me

dia:NONFLAMMABLE, INERT GAS. USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:USE NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL SURROUNDING CONTAINERS.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

===== Accidental Release Measures =====

Spill Release Procedures:EVACUATE PERSONNEL. USE APPROPRIATE PROTECTIVE EQUIPMENT. IF LEAK IS IN CONTAINER OR CONTAINER VALVE, CONTACT SUPPLIER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED AREA AWAY FROM HEAVY TRAFFICKED AREAS. DO NOT ALLOW TEMPERATURES TO EXCEED 130F. STORE CYLINDERS UPRIGHT.

Other Precautions:FIRMLY SECURE CYLINDERS TO PREVENT FALLING. SEGREGATE FULL AND EMPTY CYLINDERS. USE FIRST IN FIRST OUT SYSTEM. USE ONLY IN WELL VENTILATED AREA.

USE SUITABLE HAND TRUCK FOR CYLINDER MOVEMENT. DO NOT HEAT CYLINDER TO INCREASE DISCHARGE RATE.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:POSITIVE PRESSURE AIR LINE WITH MASK OR SELF CONTAINED BREATHING APPARATUS SHOULD BE AVAILABLE FOR EMERGENCY USE.

Ventilation:USE LOCAL EXHAUST TO PREVENT ACCUMULATION OF HIGH CONCENTRATIONS THAT MAY REDUCE OXYGEN LEVEL TO BELOW 18 MOLAR PERCENT.

Protective Gloves:ANY MATERIAL IS SUITABLE

Eye Protection:SAFETY GOGGLES OR SAFETY GLASSES.

Other Protective Equipment:SAFETY SHOES RECOMMENDED.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

USE A PRESSURE REDUCING REGULATOR WHEN CONNECTING CYLINDER TO LOWER PRESSURE (