

NATIONAL WELDERS SUPPLY CO INC -- NITROGEN -- 6830-00-656-1596

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Product Identification
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Product ID:NITROGEN
MSDS Date:11/20/1988
FSC:6830
NIIN:00-656-1596
Kit Part:Y
MSDS Number: CBSBG
=== 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 800-866-4422
Emergency Phone Num:
704-333-5475 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: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 #:Q

W9700000

Fraction by Wt: 99.95%

ACGIH TLV:ASPHYXIAN; 9192

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===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic: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.

Effects of Overexposure:MAY INCLUDE ANY,ALL OR NONE OF THE FOLLOWING:

DIZZINESS;TIGHTNESS IN FOREHEAD;TINGLING

TONGUE,FINGERTIPS OR TOES;WEAKENED SPEECH LEADING TO THE INABILITY TO UTTER SOUNDS;RAPID REDUCTION IN THE ABILITY TO PERFORM

MOVEMENTS;REDUCED CONSCIOUSNESS OF THE SURROUNDINGS;LOSS OF TACTILE SENSATIONS; & HEIGHTENED MENTAL ACTIVITY.

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===== First Aid Measures =====

First Aid:PROMPT MEDICAL ATTN IS MANDATORY IN ALL CASES OF OVEREXPOSURE TO NITROGEN.RESCUE PERSONNEL SHOULD BE EQUIPPED W/SEL- CONTAINED

BREATHING APPARATUS. CONSCIOUS/UNCONSCIOUS PERSON SHOULD BE MOVED TO OPEN AIR. UNCONSCIOUS PERSON SHOULD BE GIVEN MOUTH-TO-MOUTH RESUSCITATION & SUPPLEMENTAL OXYGEN.

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

Extinguishing Media:NONFLAMMABLE,INERT GAS. USE MEDIA SUITABLE FOR SURROUNDING.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR PROTECTIVE CLOTHING AND SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:CYLINDERS MAY BURST IN THE HEAT OF FIRE.

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

Spill Release Procedures:EVACUATE ALL PERSONNEL FROM AREA. USE APPROPRIATE PROTECTIVE EQUIP.IF LEAK IS IN CONTAINER OR CONTAINER VALVE, CONTACT CLOSEST SUPPLIER LOCATION OF CALL THE EMERGENCY TELEPHONE NUMBER LISTED HEREIN.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:USE ONLY IN WELL-VENTILATED AREA.DO NO

T DRAG,SLIDEOR ROLL CYLS.USE SUITABLE HAND TRUCK.PROTECT CYLS FROM PHYSICAL DAMAGE.SEGREGATE FULL/EMPTY CYLS.
Other Precautions:COMPRESSED GAS CYLS SHOULD NOT BE REFILLED EXCEPT BY QUALIFIED PRODUCERS OF COMPRESSED GAS.SHIPMENT OF A COMPRESSED GAS CYL WHICH HAS NOT BEEN FILLED BY THE OWNER OR W/HIS WRITTEN CONSENT IS A VIOLATI ON OF FEDERAL LAW (49CFR).

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

Respiratory Protection:NONE NORMALLY REQUIRED. POSITIVE PR
ESSURE AIR

LINE W/MASK OR SELF- CONTAINED BREATHING APPARATUS SHOULD BE AVAILABLE FOR EMERGENCY USE.

Ventilation:TO PREVENT ACCUMULATION OF HIGH CONCENTRATIONS SO AS TO REDUCE THE OXYGEN LEVEL IN THE AIR TO LESS THAN 18 MOLAR PERCENT

Protective Gloves:CLOTH

Eye Protection:SAFETY GOGGLES/GLASSES

Other Protective Equipment:SAFETY SHOES

Supplemental Safety and Health

NK

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

HCC:G3

Boiling Pt:B.P. Text:-321F,-196C

Vapor P

res:@70F 21.1C

Spec Gravity:@70F 21.1C

Evaporation Rate & Reference:NA

Solubility in Water:VERY SLIGHTLY

Appearance and Odor:COLORLESS, ODORLESS GAS

Percent Volatiles by Volume:GAS

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

Stability Indicator/Materials to Avoid:YES

NONE

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:DO NOT ATTEMPT TO DIPOS OF UNUSE

D QTYs. RETURN

IN THE SHIPPING CONTAINER PROPERLY LABELED, W/ANY VALVE OUTLET PLUGS OR CAPS SECURED & VALVE PROTECTION CAP IN PLACE TO YOUR SUPPLIER. FOR EMERG DISPOSAL CONTACT CLOSEST SUPPLIER OR CALL EMER NO.

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