

NATIONAL WELDERS SUPPLY CO INC -- NITROGEN -- 6830-01-250-2888

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Product Identification
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Product ID:NITROGEN
MSDS Date:01/01/1991
FSC:6830
NIIN:01-250-2888
MSDS Number: BLSTJ
=== 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/FAX 72-1-70
4-344-1711
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

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Composition/Information on Ingredients
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Ingred Name:NITROGEN
CAS:7727-37-9
RTECS #:QW9700000
Fraction by Wt: 99.5%
Other REC Limits:NONE SPECIFIED
ACGIH TLV:ASPHYXIAN; 9192

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Hazards Identification
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Routes of Entry: I

Inhalation: YES Skin: NO Ingestion: NO

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

Health Hazards Acute and Chronic: ACUTE-INHALED: SIMPLE ASPHYXIAN. MAY CAUSE DIZZINESS, TINGLING SENSATIONS, INCOORDINATION, REDUCED CONSCIOUSNESS OF THE SURROUNDINGS, WEEKEND SPEECH, RAPID REDUCTION IN THE ABILITY TO PERFORM MOVEMENTS, TIGHTNESS IN THE FRONTAL AREA OF THE FOREHEAD, HEIGHTENED MENTAL ACTIVITY. CHRONIC-NONE KNOWN.

Effects of Overexposure: MAY CAUSE DIZZINESS, TINGLING SENSATIONS,

INCOORDINATION, REDUCED CONSCIOUSNESS OF THE SURROUNDINGS, WEEKEND SPEECH, RAPID REDUCTION IN THE ABILITY TO PERFORM MOVEMENTS, TIGHTNESS IN THE FRONTAL AREA OF THE FOREHEAD, HEIGHTENED MENTAL ACTIVITY.

Medical Cond Aggravated by Exposure: NONE KNOWN.

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

First Aid: PROMPT MEDICAL ATTENTION IS MANDATORY IN ALL CASES OF OVEREXPOSURE TO NITROGEN. RESCUE PERSONNEL SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APP

ARATUS. INHALATION: CONSCIOUS PERSONS SHOULD BE ASSISTED TO AN UNCONTAMINATED AREA AND INHALE FRESH AIR. PROVIDE CPR/OXYGEN FOR UNCONSCIOUS PERSONS. FURTHER TREATMENT SHOULD BE SYMPTOMATIC AND SUPPORTIVE.

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

Extinguishing Media: NON-FLAMMABLE GAS. USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

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

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

Neutralizing Agent: NONE

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

Handling and Storage Precautions: STORE UPRIGHT, IN A COOL, DRY, WELL VENTILATED AREA BELOW 131F. USE ONLY IN WEL

L VENTILATED AREA.DO NOT

DRAG,SLIDE OR ROLL CYLINDERS.

Other Precautions:DO NOT ALLOW THE TEMPERATURE WHERE CYLINDERS ARE STORED TO EXCEED 130F(54C).USE A FIRST-IN FIRST-OUT INVENTORY SYSTEM.VALVE PROTECTION CAPS MUST REMAIN IN PLACE UNLESS CONTAINER IS SECURED WITH VALVE OUTLET PIPED TO USE POINT.

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

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

Ventilation:LOCAL EXHAUST

Protective Gloves:ANY MATERIAL

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:SAFETY SHOES

Work Hygienic Practices:WASH HANDS. DO NOT SMOKE.

Supplemental Safety and Health

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

HCC:G3

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

Melt/Freeze Pt:M.P/F.P Text:-346F,-210C

Spec Gravity:0.97

Solubility in Water:VERY SLIGHTLY

Appearance and Odor:COLORLESS, ODORLESS GAS

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Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

NONE

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES

Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:DO NOT ATTEMPT TO DISPOSE OF WASTE OR UNUSED QUANTITIES.RETURN IN THE SHIPPING CONTAINER PROPERLY LABELED,WITH ANY VALVE OUTLET PLUGS OR CAPS SECURED AND VALVE P

ROTECTION CAP IN
PLACE TO YOUR SUPPLIER .

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particular situation.