

NATIONAL WELDERS SUPPLY CO INC -- NITROGEN -- 6505-01-360-0908

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

Product ID:NITROGEN  
MSDS Date:01/01/1991  
FSC:6505  
NIIN:01-360-0908  
Status Code:A  
MSDS Number: CLJBH  
=== Responsible Party ===  
Company Name:NATIONAL WELDERS SUPPLY CO INC  
Address:810 GESCO ST  
Box:31007  
City:CHARLOTTE  
State:NC  
ZIP:28231  
Country:US  
Info Phone Num:704-333-5475  
Emergency Phone Num:(800)424-9300  
Preparer's Name:HENRY SIMMONS  
Chemtrec Ind/Phone:(800)424-9300  
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

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

Effects of Overexposure:EFFECTS OF EXPOSU

RE TO HIGH CONCENTRATION SO AS  
TO DISPLACE THE OXYGEN THE OXYGEN  
IN AIR NECESSARY FOR LIFE MAY INCLUDE ANY, ALL, OR NONE OF THE  
FOLLOWING: LOSS OF  
BALANCE OR DIZZINESS; TIGHTNESS IN THE FRONTAL AREA OF THE FOREHEAD;  
TINGLING OF THE  
TONGUE, FINGERTIPS OR TOES; WEAKENED SPEECH LEADING TO THE TO THE  
ABILITY TO  
PERFORM MOVEMENTS; REDUCE CONSCIOUSNESS OF THE SURROUNDING; LOSS OF  
TACTILE  
SENSATIONS; HEIGHTENED MENTAL ACTIVITY. IT SHOULD BE RECOGNIZED THAT IT  
IS POSSIBLE  
THAT NO  
ONE OF THE ABOVE SYMPTOMS MAY OCCUR IN NITROGEN ASPHYXIA SO THAT  
THERE ARE  
NO DEFINITE WARNING SYMPTOMS.

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

First Aid: PROMPT MEDICAL ATTENTION IS MANDATORY IN ALL CASES OF  
OVEREXPOSURE TO NITROGEN.  
RESCUE MEDICAL ATTENTION IS MANDATORY IN ALL CASES OF OVEREXPOSURE TO  
NITROGEN,  
RESCUE PERSONNEL SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING  
APPARATUS.  
INHALATION: CONSCIOUS PERSON SHOULD BE ASSISTED TO AN UNCONTAMINATED  
AREA AND  
INHALE FRESH AIR. QUICK REMOVAL FROM THE CONTAMINATED IS MOST  
IMPORTANT.  
UNCONSCIOUS PERSONS SHOULD BE MOVED TO AN UNCONTAMINATED AREA, GIVEN  
MOUTH-TO-MOUTH RESUSCITATION AND SUPPLEMENTAL OXYGEN.

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

Extinguishing Media: NONFLAMMABLE, INERT GAS

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

Spill Release Procedures: EVACUATE ALL PERSONAL FROM AFFECTED AREA. USE  
APPROPRIATE PROTECTI

VE EQUIPMENT. IF  
LEAK IS IN CONTAINER OR CONTAINER VALVE, CONTACT YOUR CLOSET SUPPLIER  
LOCATION OR  
CALL THE EMERGENCY TELEPHONE NUMBER LISTED HEREIN.

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Handling and Storage  
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Handling and Storage Precautions:USE ONLY IN WELL VENTILATED AREAS.  
VALVE PROTECTION CAPS MUST REMAIN IN PLACE  
UNLESS CONTAINER IS SECURED WITH VALVE OUTLET PIPES TO USE POINT. DO  
NOT DRAG, SLIDE  
OR ROLL CYLINDERS. USE A SUITABLE HAN D TRUCKER BY ANY MEANS TO  
INCR  
EASE THE  
DISCHARGE RATE OF PRODUCT FROM CYLINDER.  
Other Precautions:COMPRESSED GAS CYLINDERS SHOULD NOT BE REFILLED  
EXCEPT BY QUALIFIED PRODUCERS OF  
COMPRESSED GASES. SHIPMENT OF A COMPRESSED GAS HAS NOT BEEN FILLED BY  
THE OWNER OR  
WITH HIS (WRITTEN) CONSENT IS A VIOL ATION OF FEDERAL LAW (49CFR).

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Exposure Controls/Personal Protection  
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Respiratory Protection:POSITIVE PRESSURE AIR LINE WITH MASK OR  
SELF-CONTAINED BREATHING APPARATUS SHOULD BE AVAILABLE F  
OR  
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:ANY MATERIAL  
Eye Protection:SAFETY GOGGLES OR GOGGLES.  
Other Protective Equipment:SAFETY SHOES.  
Supplemental Safety and Health

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Physical/Chemical Properties  
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Boiling Pt:=-195.8C, -320.5F  
Melt/Freeze Pt:=-209.9C, -345.9F  
Vapor Pres:21.1C ABOVE CRITICAL TEMP  
Spec Gravity:.97  
Solubili

ty in Water:VERY SLIGHTLY

Appearance and Odor:COLORLESS, ODORLESS GAS

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

Stability Indicator/Materials to Avoid:YES

===== Toxicological Information =====

Toxicological Information: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. NITROGEN IS NOT LISTED AS A CARCINOGEN BY NTP, IARC, OR OSHA.

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

Waste Disposal Methods:DO NOT ATTEMPT TO DISPOSE OF WASTE OF UNUSED QUANTITIES. RETURN IN THE SHIPPING CONTAINER PROPERLY LABELED, WITH ANY VALVE OUTLET PLUGS OR CAPS SECURED AND VALVE PROTECTION CAP IN PLACE TO YOUER SUPPLIER. FOR EMERGENCY DISPOSAL ASSISTANCE, CONTACT YOUR CLOSEST SUPPLIER LOCATION.

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