

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)42
4-9300
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:EFFETS OF EXPOS

URE 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 T HE FRONTAL ARE 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 N
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 UNCONTA
MINATED
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 PROTECT

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

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

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
INC
REASE 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).

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

Respiratory Protection:POSITIVE PRESSURE AIR LINE WITH 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:ANY MATERIAL
Eye Protection:SAFETY GOGGLES OR GOGGLES.
Other Protective Equipment:SAFETY SHOES.
Supplemental Safety and Health

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

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

ity 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.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by
elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.