

UNION CARBIDE CORP., LINDE DIV. -- NITROGEN -- 6830-00-656-1596

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

Product ID:NITROGEN

MSDS Date:08/01/1985

FSC:6830

NIIN:00-656-1596

MSDS Number: BNDSX

=== Responsible Party ===

Company Name:UNION CARBIDE CORP., LINDE DIV.

Address:39 OLD RIDGEBURY RD

City:DANBURY

State:CT

ZIP:06817-0001

Country:US

Info Phone Num:304-744-3487

Emergency Phone Num:304-744-3487

CAGE:3

6346

=== Contractor Identification ===

Company Name:UNION CARBIDE CORP LINDE DIV

Address:39 OLD RIDGEBURY RD

Box:City:DANBURY

State:CT

ZIP:06817-0001

Country:US

Phone:800-822-4357; 304-744-3487

CAGE:36346

Company Name:UNITED STATES WELDING CORP.

Address:20700 DEARBORN STREET

Box:City:CHATSWORTH

State:CA

ZIP:91311

Country:US

Phone:818-341-2021

CAGE:3H796

===== Composition/Information on Ingredients =====

Ingred Name:NITROGEN

CAS:7727-37-9

RTECS #:QW9700000

Fraction by Wt: 10

0%
Other REC Limits:NONE SPECIFIED
ACGIH TLV:ASPHYXIAN; 9192

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ASPHYXIAN. MODERATE CONCENTRATIONS
MAY CAUSE HEADACHE, DROWSINESS, DIZZINESS, EXCITATION, EXCESS
SALIVATION, VOMITING AND UNCONSCIOUSNESS. LACK OF OXYGEN CAN CAUSE
DEATH.
Effects of Overexposure:INHALATION: ASPHYX
IAN. MODERATE CONCENTRATIONS
MAY CAUSE HEADACHE, DROWSINESS, DIZZINESS, EXCITATION, EXCESS
SALIVATION, VOMITING AND UNCONSCIOUSNESS. LACK OF OXYGEN CAN CAUSE
DEATH.
Medical Cond Aggravated by Exposure:THE TOXICOLOGY AND THE PHYSICAL AND
CHEMICAL PROPERTIES OF THE MATERIAL DO NOT SUGGEST THAT
OVEREXPOSURE IS LIKELY TO AGGRAVATE EXISTING MEDICAL CONDITIONS.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. GIVE AR
TIFICIAL RESPIRATION
IF NOT BREATHING. GIVE OXYGEN IF BREATHING IS DIFFICULT. SEE
DOCTOR.

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

Flash Point:NONE
Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures:EVACUATE AREA. DELUGE CYLINDER WITH WATER
SPRAY FROM MAXIMUM DISTANCE UNTIL COOL.
Unusual Fire/Explosion Hazard:CONTAINER MAY RUPTURE DUE TO HEAT OF
FIRE. KEEP TEMPERATURE BELOW 125F.

===== Accidental R
elease Measures =====

Spill Release Procedures:EVACUATE AREA. USE SCBA. SHUT OFF LEAK IF
WITHOUT RISK. VENTILATE AREA OF LEAK OR MOVE LEAKER TO
WELL-VENTILATED AREA. TEST AREA FOR SUFFICIENT OXYGEN CONTENT PRIOR
TO PERMITTING RE-ENTRY OF PERSONNEL .

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

Handling and Storage Precautions:HIGH PRESSURE GAS. USE PIPING/EQUIP
DESIGNED TO WITHSTAND PRESSURE. CAN CAUSE RAPID SUFFOCATION DUE TO
OXYGEN DE

FICIENCY. STORE W/ADEQUATE VENTILATION

Other Precautions:CLOSE VALVE WHEN NOT IN USE & WHEN EMPTY. NEVER WORK ON A PRESSURIZED SYSTEM. IF LEAKING, CLOSE CYLINDER VALVE,BLOW DOWN SYSTEM BY VENTING TO SAFE PLACE, THEN REPAIR THE LEAK.

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

Respiratory Protection:NIOSH,MSHA APPROVED AIR SUPPLIED RESPIRATOR.
Ventilation:MECHANICAL ACCEPTABLE, LOCAL EXHAUST PREFERRED.
Protective Gloves:LEATHER WORK GLOVES.
Eye Protection:GOGGLES

Other Protective Equipment:METATARSAL SHOES FOR CYLINDER HANDLING
Work Hygienic Practices:STANDARD PRACTICES AND PROCEDURES.
Supplemental Safety and Health
NONE

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

HCC:G3
Boiling Pt:B.P. Text:-320F,-196C
Vapor Pres:GAS
Vapor Density:0.97
Spec Gravity:N/R, GAS
Solubility in Water:NEGLIGIBLE
Appearance and Odor:COLORLESS, ODORLESS GAS AT NORMAL TEMPERATURE AND PRESSURE.

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

Stability Indicator/Materials to Avoid:YES
NONE CURRENTLY KNOWN
Stability Condition to Avoid:HEAT, OPEN FLAMES.
Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:SLOWLY RELEASE INTO ATMOSPHERE. DISCARD ANY RESIDUE,PRODUCT,DISPOSABLE CONTAINER IN FULL COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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