

UNION CARBIDE CORP INDUSTRIAL CHEMICALS DIV -- NITROGEN -- 6685-00-171-3725

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

Product ID:NITROGEN

MSDS Date:08/01/1985

FSC:6685

NIIN:00-171-3725

MSDS Number: BPBJL

=== Responsible Party ===

Company Name:UNION CARBIDE CORP INDUSTRIAL CHEMICALS DIV

Address:39 OLD RIDGEBURY ROAD

City:DANBURY

State:CT

ZIP:06817-0001

Country:US

Info Phone Num:800-822-4357

Emergency Phon

e Num:800-822-4357

CAGE:61637

=== Contractor Identification ===

Company Name:UNION CARBIDE CORP

Address:39 OLD RIDGEBURY ROAD

Box:City:DANBURY

State:CT

ZIP:06817-0001

Country:US

Phone:800-822-4357/732-563-5522 (MSDS)

CAGE:61637

Company Name:WEKSLERIGLASS THERMOMETER CORP

Address:80 MILL ROAD

Box:City:FREEPORT

State:NY

ZIP:11520

Country:US

Phone:516-623-0100

CAGE:64467

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

Ingred Name:NITROGEN

CAS:7727-37-9

RTECS #:QW9700000

Fract

ion by Wt: 100%  
Other REC Limits:NONE RECOMMENDED  
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:NITROGEN IS DEFINED AS A SIMPLE  
ASPHYXIAN. OXYGEN LEVELS SHOULD BE MAINTAINED AT GREATER THAN 18  
MOLAR PERCENT AT NORMAL ATMOSPHERIC PRESSURE WHICH IS EQUIVALENT TO  
A PARTIAL PRESSURE OF 135 MM HG.  
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT  
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT  
CARCINOGENS.  
Effects of Overexposure:EFFECTS OF EXPOSURE TO HIGH CONCENTRATIONS SO  
AS TO DISPLACE 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; REDUCED CONSCIOUS-  
NESS;  
AND OTHERS.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION: CONSCIOUS PERSONS SHOULD BE ASSISTED TO AN  
UNCONTAMINATED AREA AND INHALE FRESH AIR. QUICK REMOVAL FROM THE  
CONTAMINATED AREA IS MOST IMPORTANT. UNCONSCIOUS PERSONS SHOULD BE  
MOVED TO AN UNCONTAMINATED AREA, GIVEN MOUTH-TO-MOUTH  
RESUSCITATION AND SUPPLEMENTAL OXYGEN. FURTHER TREATMENT SHOULD BE  
SYMPTOMATIC AND SUPPORTIVE.

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

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY  
CHEMICAL.  
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A  
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED  
CONTAINERS WITH WATER SPRAY.  
Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE  
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

===== 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 CLOSEST SUPPLIER LOCATION OR CALL THE EMERGENCY TELEPHONE NUMBER LISTED HEREIN.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:PROTECT CYLINDERS FROM PHYSICAL DAMAGE. STORE IN COOL, DRY WELL VENTILATED AREA AWAY FROM HEAVILY TRAFFICKED AREAS AND EMERGENCY EXITS. STORE