

UNION CARBIDE CORP LINDE DIV -- NITROGEN -- 6685-01-027-3898

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

Product ID:NITROGEN

MSDS Date:08/01/1985

FSC:6685

NIIN:01-027-3898

MSDS Number: BXCBN

=== 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:203-744-3487

Emergency Phone Num:800-822-4357/203-744-3487

CAGE:36346

=== 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: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

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

ACGIH TLV:ASPHYXIAN; 9495

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

LD50 LC50 Mixture:NOT RELEVANT

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

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

Health Hazards Acute and Chronic:THIS IS AN ARTICLE. IF BROKEN: TARGET ORGANS:EYE, SKIN, CNS, RESPIRATORY TRACT. ACUTE- NITROGEN IS NONTOXIC BUT MAY PRODUCE SUFFOCATION. NO HARMFUL EFFECT EXPECTED FROM VAPOR. LIQUID CAN CAUSE FROSTBI TE. THIS PRODUCT CONTAINS A GAS AT NORMAL

TEMPERATURE & PRESSURE. CANNOT BE SWALLOWED. CHRONIC-NONE.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:THIS IS AN ARTICLE. IF BROKEN: HEADACHE, DIZZINESS, DROWSINESS, EXCITATION, EXCESS SALIVATION, VOMITING

Medical Cond Aggravated by Exposure:NONE

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

First Aid:IF ARTICLE IS BROKEN- INHALATION:REMOVE TO FRESH AIR.

SKIN:FROZEN TISSUES SHOULD BE SOAKED WITH TEPID WATER

(105-115F/41-46C). DON'T USE H

OT WATER. EYE:FLUSH WITH PLENTY OF

WATER. ORAL:UNLIKELY.

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

Flash Point:NONE

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL FOR SURROUNDING FIRE. NITROGEN CANNOT CATCH FIRE.

Fire Fighting Procedures:EVACUATE ALL PERSONNEL FROM DANGER AREA.

IMMEDIATELY DELUGE CONTAINERS WITH WATER SPRAY FROM MAXIMUM DISTANCE UNTIL COOL, THEN MOVE CONTAINERS AWAY IF NO RISK.

Unusual Fire/Explosion Hazard:C

ONTAINER MAY RUPTURE DUE TO HEAT OF

FIRE. NO PART OF CONTAINER SHOULD BE SUBJECTED TO A TEMPERATURE HIGHER THAN 52C ( 125F). MOST CONTAINERS VENT WHEN HEATED.

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

Spill Release Procedures:NOT RELEVANT

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, DRY, VENTILATED AREA

BELOW 130F (54C). KEEP OUT OF REACH OF SMALL CHILD

REN.  
Other Precautions:WASH HANDS AFTER HANDLING.

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

Respiratory Protection:NONE NORMALLY REQUIRED.  
Ventilation:ADEQUATE  
Protective Gloves:NONE NORMALLY REQUIRED.  
Eye Protection:GOGGLES RECOMMENDED  
Other Protective Equipment:EYE BATH  
Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES.  
Supplemental Safety and Health  
THIS PRODUCT IS A THERMOMETER CONTAINING NITROGEN GAS.

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

HCC:G3  
NRC/State Lic Num:NOT RELEVANT  
Spec Gravity:NOT RELEVANT  
Viscosity:NOT RELEVANT  
Evaporation Rate & Reference:NOT RELEVANT  
Solubility in Water:NOT RELEVANT  
Appearance and Odor:THERMOMETER, 20-240F,4-1/2 IN, DIAL, 3/8 IN, BULB  
DIA, 50 FT. CAPILLARY TUBE

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

Stability Indicator/Materials to Avoid:YES  
NONE  
Stability Condition to Avoid:EXCESSIVE HEAT  
Hazardous Decom  
position Products:NONE

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

Waste Disposal Methods:SLOWLY RELEASE INTO ATMOSPHERE.

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