

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

===== 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 SHO
ULD BE SOAKED WITH TEPID WATER
(105-115F/41-46C). DON'T USE HOT 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:CONTAINER 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, VENTI

LATED AREA

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

Other Precautions:WASH HANDS AFTER HANDLING.

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===== 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

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

Stability Indicator/Materials to Avoid:YES

NONE

Stability Condition to Avoid:EXCESSIVE HEAT

Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:SLOWLY RELEASE INTO ATMOSPHERE.

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