

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 FROSTBITE. 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 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, VENTIL

ATED AREA

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

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 P

RODUCT IS A THERMOMETER CONTAINING NITROGEN GAS.

===== 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 Decomposition Products:NONE

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

Waste Disposal Methods:SLOWLY RELEASE INTO ATMOSPHERE.

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
disclaim

s 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.