

NITROGEN

MSDS Number

BXCBN

National Stock Number

6685-01-027-3898

Product Name

NITROGEN

Manufacturer

UNION CARBIDE CORP LINDE DIV

Product Identification

Product ID:NITROGEN
MSDS Date:08/01/1985
FSC:6685
NIIN:01-027-3898
MSDS Number: BXCBN

Responsible Party

UNION CARBIDE CORP LINDE DIV
39 OLD RIDGEBURY RD
DANBURY , CT 06817-0001
US
Emergency Phone: 800-822-4357/203-744-3487
Info Phone: 203-744-3487
Cage: 36346

Contractor

WEKSLERIGLASS THERMOMETER CORP
FREEPORT, NY 11520
US
516-623-0100
Cage: 64467

Ingredients

NITROGEN
CAS: 7727-37-9
RTECS: QW9700000
Fraction By Weight: 100%
ACGIH TLV: ASPHYXIAN; 9495

Hazards

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

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

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

Spill Release Procedures:NOT RELEVANT
Neutralizing Agent:NOT RELEVANT

Handling

Handling and Storage Precautions:STORE IN COOL, DRY, VENTILATED AREA
BELOW 130F (54C). KEEP OUT OF REACH OF SMALL CHILDREN.
Other Precautions:WASH HANDS AFTER HANDLING.

Exposure Controls

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.

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

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

Disposal

Waste Disposal Methods:SLOWLY RELEASE INTO ATMOSPHERE.

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