

NITROGEN

MSDS Number

BXGYD

National Stock Number

6685-00-254-6610

Product Name

NITROGEN

Manufacturer

UNION CARBIDE CORP LINDE DIV

Product Identification

Product ID:NITROGEN
MSDS Date:08/01/1985
FSC:6685
NIIN:00-254-6610
MSDS Number: BXGYD

Responsible Party

UNION CARBIDE CORP LINDE DIV
39 OLD RIDGEBURY RD
DANBURY , CT 06817-0001
US

Emergency Phone: 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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION OF AIR CONTAINING EXCESS
NITROGEN MAY CAUSE ASPHYXIATION. LACK OF OXYGEN MAY CAUSE DEATH.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:INHALED: HEADACHE, DROWSINESS, EXITATION,
EXCESS, SALIVATION, VOMITING, AND UNCONSCIOUSNESS.
Medical Cond Aggravated by Exposure:NONE

First Aid

First Aid:INHALED: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF

BREATHING STOPPED. GIVE OXYGEN IF BREATHING DIFFICULT. EYES: IF LIQUID SPLASHES ON EYES, FLUSH IMMEDIATELY WITH WATER FOR 15 MINUTES. SEE DOCTOR IMMEDIATELY. SKIN: IF CONTACT WITH LIQUID, WARM WITH WARM WATER. SEE DOCTOR.

Fire Fighting

Extinguishing Media:NON-FLAMMABLE. USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:EVACUATE ALL PERSONNEL FROM DANGER AREA. DELUGE CONTAINERS WITH WATER SPRAY FROM MAX DISTANCE UNTIL COOL. MOVE CONTAINERS FROM AREA IF WITHOUT RISK.

Unusual Fire/Explosion Hazard:CONTAINER MAY RUPTURE DUE TO HEAT OF FIRE. NO PART OF CONTAINER SHOULD BE SUBJECTED TO TEMPERATURE ABOVE 52C. CONTAINERS ARE DESIGNED TO VENT AT HIGH TEMP.

Accidental Release

Spill Release Procedures:EVACUATE AREA, ESPECIALLY IF ENCLOSED OR CONFINED SPACE. VENTILATE AREA. TEST AREA FOR OXYGEN CONTENT. DO NOT ALLOW PERSONNEL TO REENTER UNTIL OXYGEN LEVELS ARE SAFE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:STORE AND USE WITH ADEQUATE VENTILATION.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

Exposure Controls

Respiratory Protection:SELECT I/A/W OSHA 29CFR1910.134. RESPIRATORS SHALL BE ACCEPTABLE TO MSHA AND NIOSH.

Ventilation:LOCAL EXHAUST PREFERRED, MECHANICAL GENERAL ACCEPTABLE

Protective Gloves:PREFERRED FOR CYLINDER ROLLING

Eye Protection:SELECT PER OSHA 29CFR1910.133

Other Protective Equipment:METATARSAL SHOES SELECTED PER OSHA 29CFR1910.132 & 1910.133

Work Hygienic Practices:MFR: ? HMIS:USE GOOD INDUSTRIAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING OR DRINKING.

Supplemental Safety and Health

MSDS IS FOR NITROGEN FOUND IN THERMOMETER.

Chemical Properties

HCC:G3

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:-320F,-196C

Melt/Freeze Pt:M.P/F.P Text:-346F,-210C

Vapor Pres:GAS

Vapor Density:0.967

Spec Gravity:GAS

Solubility in Water:NEGLIGIBLE

Appearance and Odor:COLORLESS, ODORLESS GAS

Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES

UNDER CERTAIN CONDITIONS, NITROGEN CAN REACT VIOLENTLY WITH LITHIUM, NEODYMIUM, OZONE, TITANIUM

Stability Condition to Avoid:NO INFORMATION GIVEN ON MSDS BY MFR.

Hazardous Decomposition Products:NONE

Disposal

Waste Disposal Methods:SLOWLY RELEASE TO ATMOSPHERE. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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