

UNION CARBIDE INDUSTRIAL GASES INC -- 81 GL-NOOR-W 35 Y,THERMOMETER,GAS DIAL --
6685-00-405-2406

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

Product ID:81 GL-NOOR-W 35 Y,THERMOMETER,GAS DIAL

MSDS Date:08/01/1985

FSC:6685

NIIN:00-405-2406

MSDS Number: BPKWD

=== Responsible Party ===

Company Name:UNION CARBIDE INDUSTRIAL GASES INC

Address:39 OLD RIDGEBURY RD

City:DANBURY

State:CT

ZIP:06817-0001

Country:US

In

fo Phone Num:203-794-5782

Emergency Phone Num:203-794-5782

CAGE:0G1N8

=== Contractor Identification ===

Company Name:PRAXAIR, INC.

Address:39 OLD RIDGEBURY RD

Box:City:DANBURY

State:CT

ZIP:06810-5113

Country:US

Phone:800-772-9247; 800-PRAXAIR

CAGE:0LV01

Company Name:UNION CARBIDE INDUSTRIAL GASES, INC, LINDE DIV.

Address:FOOT OF GREAT LAKES AVE

Box:City:ECORSE

State:MI

ZIP:48229

Country:US

Phone:313-842-4500

CAGE:0G1N8

Company Name:WEKSLERIGLASS THERMOMETER CORP

Address:80 MILL ROAD

Box:City:FRE

EPORT
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; 9293

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE- EYE/SKIN:
NO HARMFUL EFFECT
EXPECTED FROM GAS. INHALED:ASPHYXIAN. MAY CAUSE HEADACHE,
DROWSINESS, DIZZINESS. ORAL:THIS PRODUCT IS A GAS. CHRONIC- NO
ADVERSE EFFECTS.
Effects of Overexposure:INHALATION MAY CAUSE HEADACHE, DROWSINESS,
DIZZINESS.

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

First Aid:ORAL:THIS PRODUCT IS A GAS. EYE/SKIN:NOT LIKELY.
INHALED:REMOVE TO FRESH AIR.

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

Extinguishing Media:NITROGEN CANNOT CATCH FIRE. USE MEDIA APPROPRIATE
FOR SURROUNDING FIRE.
Fire Fighting Procedures:COOL CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:CONTAINER MAY RUPTURE DUE TO HEAT OF
FIRE.

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

Spill Release Procedures:VENTILATE AREA IF NEEDED. TEST AREA FOR
SUFFICIENT OXYGEN CONTENT PRIOR TO PERMITTING RE-ENTRY OF
PERSONNEL.
Neutralizing Agent:NONE

===== Handling and Storage

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Handling and Storage Precautions:STORAGE- STORE AT ROOM TEMPERATURE.
Other Precautions:AVOID EXCESSIVE BREATHING OF NITROGEN GAS.

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

Respiratory Protection:NIOSH-APPROVED SELF-CONTAINED BREATHING
APPARATUS SHOULD BE AVAILABLE FOR EMERGENCY USE.

Ventilation:ADEQUATE

Protective Gloves:ANY MATERIAL

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:SAFETY SHOES

Work Hygienic Practices:WAS

H HANDS AFTER HANDLING.

Supplemental Safety and Health

THE ACTUATING MEDIUM FOR THERMOMETER IS GAS.

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

HCC:G3

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 NITROGEN GAS IN THERMOMETER

Percent Volatiles by Volume:100

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

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Stability Indicator/Materials to Avoid:YES

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

Stability Condition to Avoid:FIRE

Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:RELEASE INTO ATMOSPHERE.

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