

UNION CARBIDE INDUSTRIAL GASES INC -- 81 GN-NOOF-W 35 Y,THERMOMETER,GAS DIAL --  
6685-00-488-5584

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

Product ID:81 GN-NOOF-W 35 Y,THERMOMETER,GAS DIAL

MSDS Date:08/01/1985

FSC:6685

NIIN:00-488-5584

MSDS Number: BPKWK

=== 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

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Composition/Information on Ingredients  
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Ingred Name:NITROGEN  
CAS:7727-37-9  
RTECS #:QW9700000  
Fraction by Wt: 100%  
Other REC Limits:NONE RECOMMENDED  
ACGIH TLV:ASPHYXIAN; 9293

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Hazards Identification  
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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.

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

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Fire Fighting Measures  
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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.

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

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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:SIX GRAMS COLORLESS, ODORLESS NITROGEN GAS IN EACH  
THERMOMETER

Percent Volatiles by Volume:100

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

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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