

UNION CARBIDE CORP LINDE DIV -- NITROGEN (FOR 41GP-YOOG-F35Y THERMOMETER) --  
6685-01-274-8871

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

Product ID:NITROGEN (FOR 41GP-YOOG-F35Y THERMOMETER)

MSDS Date:08/01/1985

FSC:6685

NIIN:01-274-8871

MSDS Number: BRDLN

=== Responsible Party ===

Company Name:UNION CARBIDE CORP LINDE DIV

Address:39 OLD RIDGEBURY RD

City:DANBURY

State:CT

ZIP:06817-0001

Country:US

Info Pho

ne Num:304-744-3487

Emergency Phone Num:800-822-4357

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; 9293

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===== 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: ASPHYXIATION. CHRONIC: NONE.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:INHALATION: SHORTNESS OF BREATH, DIFFICULTY  
BREATHING, UNCONSCIOUSNESS.

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Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. RESUSCITATE IF NEEDED.

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

Flash Point:NONE  
Extinguishing Media:USE MEDIA FOR SURROUNDING FIRE.  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND  
FULL PROTECTIVE GEAR. COOL CONTAINERS WITH FLOODING AMOUNTS OF  
WATER UNTIL WELL  
AFTER FIRE IS OUT.  
Unusual Fire/Explosion Hazard:GAS UNDER PRESSURE. CONTAINER MAY EXPLODE  
IF EXPOSED TO FIRE OR HIGH TEMPERATURES.

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

Spill Release Procedures:TRY TO STOP LEAK IF IT CAN BE DONE AT NO RISK.  
VENTILATE AREA. DISPELL VAPORS WITH WATER.  
Neutralizing Agent:NONE

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===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY AREA.  
Other Precautions:NO

NE

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Exposure Controls/Personal Protection  
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Respiratory Protection:NONE NORMALLY REQUIRED. IF IDLH CONDITIONS ARE PRESENT WEAR SELF-CONTAINED BREATHING APPARATUS.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION.

Protective Gloves:LEATHER

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:NONE

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING.

Supplemental Safety and Health

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Physical/Chemical Properties  
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HCC:G3

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

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

Vapor Density:< 1(AIR=1)

Spec Gravity:0.8

Appearance and Odor:COLORLESS, ODORLESS GAS AT NORMAL TEMPERATURE AND PRESSURE

Percent Volatiles by Volume:100

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid:YES

UNDER CERTAIN CONDITIONS; LITHIUM, NEODYMIUM, TITANIUM, OZONE.

Stability Condition to Avoid:HIGH TEMP

ERATURES, OPEN FLAME.

Hazardous Decomposition Products:OXIDES OF NITROGEN

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Disposal Considerations  
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Waste Disposal Methods:CONTACT LOCAL ENVIRONMENTAL MANAGER. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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