

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 Phone 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:ASPHYXIANT; 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: ASPHYXIATION. CHRONIC: NONE.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:INHALATION: SHORTNESS OF BREATH, DIFFICULTY
BREATHING, UNCONSCIOUSNESS.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURE
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===== First Aid Measures =====

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

===== 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 PRES
SURE. CONTAINER MAY EXPLODE
IF EXPOSED TO FIRE OR HIGH TEMPERATURES.

===== 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

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

Handling and Storage Precautions:STORE IN A COOL, DRY AREA.
Other Precautions:NONE

===== 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

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

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

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

Stability Indicator/Materials to Avoid:YES
UNDER CERTAIN CONDITIONS; LITHIUM, NEODYMIUM, TITANIUM, OZONE.
Stability Condition to Avoid:HIGH TEMPERATURES, OPEN FLAME.
Hazardous Decomposition Products:OXIDES OF
NITROGEN

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

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

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