

PRAXAIR INC. (DBS:UNION CARBIDE INDUSTRIAL GASES) --  
NITROGEN,41GP-F00L-W15Y,41GP-Y00U-W15Y -- 6685-01-012-2597

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

Product ID:NITROGEN,41GP-F00L-W15Y,41GP-Y00U-W15Y

MSDS Date:08/01/1985

FSC:6685

NIIN:01-012-2597

MSDS Number: BRTGJ

=== Responsible Party ===

Company Name:PRAXAIR INC. (DBS:UNION CARBIDE INDUSTRIAL GASES)

Address:300 GREAT LAKES AVE

City:ECORSE

State:MI

ZIP:48229-0006

Country:US

Info Phone Num:313-849-4200

Emergency Phone Num:313-849-4200

CAGE:MO520

=== Contractor Identification ===

Company Name:DRESSER INDUSTRIES, INSTRUMENT DIV.

Address:250 E MAINT ST

Box:City:STRATFORD

State:CT

ZIP:06497-5145

Country:US

Phone:203-385-0472

CAGE:38056

Company Name:PRAXAIR INC. (DBS:UNION CARBIDE INDUSTRIAL GASES)

Address:300 GREAT LAKES AVE

Box:City:ECORSE

State:MI

ZIP:48229-0006

Country:US

Phone:313-849-4200

CAGE:MO520

Company Name:UNION CARBIDE INDUSTRIAL G

ASES, 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: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; 9495

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= Hazards Identification =====

LD50 LC50 Mixture:NOT RELEVANT  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE- INGESTION IS UNLIKELY (GAS).  
INHALING NITROGEN MAY CAUSE HEADACHE, DROWSINESS, DIZZINESS,  
UNCONSCIOUSNESS. LACK OF OXYGEN CAN CAUSE DEATH. NO HARMFUL EFFECT  
EXPECTED FROM VAPOR BY EYE OR SKIN CONTACT. CHRONIC- NO EVIDENCE  
OF ADVERSE EFFECTS FROM AVAILABLE  
INFORMATION. TARGET ORGANS:LUNGS.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:HEADACHE, DROWSINESS, DIZZINESS  
Medical Cond Aggravated by Exposure:THE TOXICOLOGY AND THE PHYSICAL AND  
CHEMICAL PROPERTIES OF THE MATERIAL DO NOT SUGGEST THAT  
OVEREXPOSURE IS LIKELY TO AGGRAVATE EXISTING MEDICAL CONDITIONS.

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:FLUSH WITH  
WATER. EYE:FLUSH WITH WATER

IF NEEDED. INHALED:REMOVE TO FRESH AIR.  
PROVIDE OXYGEN/CPR IF NEEDED. ORAL:NOT LIKELY (GAS).

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

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY  
CHEMICAL FOR SURROUNDING FIRE. NITROGEN CANNOT CATCH FIRE.  
Fire Fighting Procedures:WEAR NIOSH-APPROVED SELF-CONTAINED BREATHING  
APPARATUS.  
Unusual Fire/Explosion Hazard:CONTAINER MAY RUPTURE DUE TO HEAT OF  
FIRE.

===== Accidental Release Mea  
sures =====

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

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

Handling and Storage Precautions:STORE IN COOL, VENTILATED PLACE.  
Other Precautions:KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF HIGH LEVEL OF

NITROGEN RESENT, WEAR A NIOSH-APPROVED RESPIRATOR.

Ventilation:ADEQUATE

Protective Gloves:NONE NORMALLY REQUIRED.

Eye Protection:NONE NORMALLY REQUIRED.

Other Protective Equipment:NONE NORMALLY REQUIRED.

Work Hygienic Practices:WASH HANDS THOROUGHLY BEFORE EATING OR  
DRINKING.

Supplemental Safety and Health

THE THERMOMETER CONTAINS NITROGEN UNDER PRESSURE.

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

HCC:G3

NRC/State Lic Num:NOT RELEVANT

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  
Evaporation Rate & Reference: NOT RELEVANT  
Solubility in Water: NEGLIGIBLE  
Appearance and Odor: COLORLESS, ODORLESS GAS AT NORMAL TEMPERATURE AND  
PRESSURE INSIDE 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.  
Stability Condition to Avoid: EXCESSIVE HEAT  
Hazardous Decomposition Products: NONE

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

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

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