

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 C ONTACT. CHRONIC- NO EVIDENCE
OF ADVERSEEFFECTS 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.

===== 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 Measures =====

Spill Release Procedures:VENTILATE AREA. TEST AREA FOR SUFFICIENT
OXYGEN CONTENT PRIOR TO PERMITTING RE-ENTRY 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 PRESENT, 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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