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:ASPHYXIANT; 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 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.
Stabilit
y 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.