

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:M

I

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

GASES, 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

=====  
== 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.

=====  
===== 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 Me  
asures =====

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:-320

F,-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.

Stabili

ty 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.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this informat

ion to be accurate and

disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.