

UNION CARBIDE INDUSTRIAL GASES INC -- 81 GN-NOOF-W 35 Y,THERMOMETER,GAS DIAL --
6685-00-488-5584

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

Product ID:81 GN-NOOF-W 35 Y,THERMOMETER,GAS DIAL

MSDS Date:08/01/1985

FSC:6685

NIIN:00-488-5584

MSDS Number: BPKWK

=== Responsible Party ===

Company Name:UNION CARBIDE INDUSTRIAL GASES INC

Address:39 OLD RIDGEBURY RD

City:DANBURY

State:CT

ZIP:06817-0001

Country:US

In

fo Phone Num:203-794-5782

Emergency Phone Num:203-794-5782

CAGE:0G1N8

=== Contractor Identification ===

Company Name:PRAXAIR, INC.

Address:39 OLD RIDGEBURY RD

Box:City:DANBURY

State:CT

ZIP:06810-5113

Country:US

Phone:800-772-9247; 800-PRAXAIR

CAGE:0LV01

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:FRE

EPORT
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; 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- EYE/SKIN:
NO HARMFUL EFFECT
EXPECTED FROM GAS. INHALED:ASPHYXIAN. MAY CAUSE HEADACHE,
DROWSINESS, DIZZINESS. ORAL:THIS PRODUCT IS A GAS. CHRONIC- NO
ADVERSE EFFECTS.
Effects of Overexposure:INHALATION MAY CAUSE HEADACHE, DROWSINESS,
DIZZINESS.

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

First Aid:ORAL:THIS PRODUCT IS A GAS. EYE/SKIN:NOT LIKELY.
INHALED:REMOVE TO FRESH AIR.

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

Extinguishing Media:NITROGEN CANNOT CATCH FIRE. USE MEDIA APPROPRIATE
FOR SURROUNDING FIRE.
Fire Fighting Procedures:COOL CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:CONTAINER MAY RUPTURE DUE TO HEAT OF
FIRE.

=====
Accidental Release Measures
=====

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

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

=====

Handling and Storage Precautions:STORAGE- STORE AT ROOM TEMPERATURE.
Other Precautions:AVOID EXCESSIVE BREATHING OF NITROGEN GAS.

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

Respiratory Protection:NIOSH-APPROVED SELF-CONTAINED BREATHING
APPARATUS SHOULD BE AVAILABLE FOR EMERGENCY USE.

Ventilation:ADEQUATE

Protective Gloves:ANY MATERIAL

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:SAFETY SHOES

Work Hygienic Practices:WAS

H HANDS AFTER HANDLING.

Supplemental Safety and Health

THE ACTUATING MEDIUM FOR THERMOMETER IS GAS.

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

HCC:G3

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

Solubility in Water:NEGLIGIBLE

Appearance and Odor:SIX GRAMS COLORLESS, ODORLESS NITROGEN GAS IN EACH
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,
NEODYMIUM, TITANIUM, OZONE.

Stability Condition to Avoid:FIRE

Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:RELEASE INTO ATMOSPHERE.

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 information 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.