

UNION CARBIDE CORP INDUSTRIAL CHEMICALS DIV -- NITROGEN FOR THERMOMETER --
6685-01-235-7450

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

Product ID:NITROGEN FOR THERMOMETER

MSDS Date:08/01/1985

FSC:6685

NIIN:01-235-7450

MSDS Number: BYRVF

=== Responsible Party ===

Company Name:UNION CARBIDE CORP INDUSTRIAL CHEMICALS DIV

Address:39 OLD RIDGEBURY ROAD

City:DANBURY

State:CT

ZIP:06817-0001

Country:US

Info Phone Num:800-822-4357

Emergency Phone Num:800-822-4357

CAGE:61637

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= Contractor Identification ===

Company Name:UNION CARBIDE CORP

Address:39 OLD RIDGEBURY ROAD

Box:City:DANBURY

State:CT

ZIP:06817-0001

Country:US

Phone:800-822-4357/732-563-5522 (MSDS)

CAGE:61637

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 SPECIFIED
ACGIH TLV:ASPHYXIAN; 9192

===== 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:NITROGEN IS A SIMPLE ASPHYXIAN.
NITROGEN UNDER HIGH PRESSURE CAN PRODUCE NARCOSIS.
Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS
LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.
Effects of Overexposure:INHALATION:
HEADACHE, DROWSINESS, DIZZINESS,
EXCITATION, EXCESS SALIVATION, NAUSEA, VOMITING, LOSS OF
CONSCIOUSNESS, AND DEATH.
Medical Cond Aggravated by Exposure:NONE NOTED.

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

First Aid:INHALATION: REMOVE SUBJECT TO FRESH AIR.

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

Flash Point:NONE
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguishing Media:NON-FLAMMABLE. USE EXTINGUISHING MEDIA APPROPRIATE
FOR SURROUNDING FIRE.
Fire Fighting Procedures:KEEP OUTSIDE OF CONTAINERS COOL WITH WATER
SPRAY.
Unusual Fire/Explosion Hazard:CONTAINER MAY RUPTURE EXPLOSIVELY WITH
HEAT OF FIRE.

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

Handling and Storage Precautions:NO SPECIAL REQUIREMENT.
Other Precautions:NONE

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

Respiratory Protection:NONE
Ventilation:NORMAL ROOM VENTILATION.
Protective Gloves:NONE
Ey

e Protection:SAFETY GLASSES.
Other Protective Equipment:NONE
Work Hygienic Practices:STANDARD HYGIENIC PRACTICES.
Supplemental Safety and Health
THIS MSDS IS FOR THE NITROGEN CONTAINED IN THE THERMOMETER.

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

HCC:G3
Boiling Pt:B.P. Text:-320F,-196C
Melt/Freeze Pt:M.P/F.P Text:-346F FZ PT
Vapor Pres:NOT GIVEN
Vapor Density:0.967
Spec Gravity:NOT GIVEN
Evaporation Rate & Reference:NOT GIVEN
Solubility in Water:NEGLIGIBLE
Appear
ance and Odor:COLORLESS, ODORLESS GAS AT NORMAL TEMPERATURE AND
PRESSURE.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES.
Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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