

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

=== 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:7

727-37-9

RTECS #:QW9700000

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

ACGIH TLV:ASPHYXIAN; 9192

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===== 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, N

TP 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.

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

First Aid:INHALATION: REMOVE SUBJECT TO FRESH AIR.

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

Flash Point:NONE

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extingui

shing 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.

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

Handling and Storage Precautions:NO SPECIAL REQUIREMENT.

Other Precautions:NONE

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

Respiratory Protection:NON

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Ventilation:NORMAL ROOM VENTILATION.

Protective Gloves:NONE

Eye 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

Appearance 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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