

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

===== 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.

===== 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  
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.

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

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

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

Respiratory Protection:NON

E  
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.

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.