

UNION CARBIDE CORP LINDE DIV -- TETRAFLUOROMETHANE IN THERMOMETER,31 GP-Y 00 U-A  
20 Y -- 6685-00-076-1954

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

Product ID:TETRAFLUOROMETHANE IN THERMOMETER,31 GP-Y 00 U-A 20 Y

MSDS Date:11/01/1988

FSC:6685

NIIN:00-076-1954

MSDS Number: CFYCL

=== Responsible Party ===

Company Name:UNION CARBIDE CORP LINDE DIV

Address:39 OLD RIDGEBURY RD

City:DANBURY

State:CT

ZIP:06817-0001

Country:US

Info Phone Num:203-744-3487

Emergency Phone Num:

203-744-3487/800-822-4357

CAGE:36346

=== 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:DRESSER INDUTRIES INC, WEKSLER INSTRUMENTS OPN

Address:250 E MAIN ST

Box:City:STRATFORD

State:CT

ZIP:06497-5145

Country:US

Phone:203-385-0490

CAGE:049X3

Company Name:UNION CARBIDE CORP LINDE DIV

Address:39 OLD RIDGEBURY RD

Box:City:DANBURY

State:CT

ZIP:06817

-0001  
Country:US  
Phone:800-822-4357; 304-744-3487  
CAGE:36346  
Company Name:YORK INTERNATIONAL CORP  
Address:631 S RICHLAND AVE  
Box:City:YORK  
State:PA  
ZIP:17403  
Country:US  
Phone:717-771-7890  
CAGE:66935

===== Composition/Information on Ingredients =====

Ingred Name:TETRAFLUOROMETHANE  
CAS:75-73-0  
RTECS #:FG4920000  
Fraction by Wt: 100%  
Other REC Limits:NONE RECOMMENDED

===== Hazards Identification =====

LD50 LC50 Mixture:NOT RELEVANT  
Routes of En  
try: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:NONE. IF BROKEN/IN FIRE: DIZZINESS, HEADACHE,  
FATIGUE, NAUSEA, VOMITING, CONFUSION, FROSTBITE  
Medical Cond Aggravated by Exposure:NONE

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. EYES:IMMEDIATELY  
FLUSH WITH WATER FOR 15 MINUTES. CALL PHYSICIAN. INHALED:MOVE  
TO  
FRESH AIR. PROVIDE OXYGEN/CPR IF NEEDED. SKIN:TREAT FOR POSSIBLE  
FROSTBITE USING WARM WATER (105F), THEN FLUSH SKINWITH PLENTY OF  
WATER. ORAL:UNLIKELY TO OCCUR. NOTE TO PHYSICIAN:CATECHOLAMINE  
DRUGS (ADRENALINE) SHOULD NOT BE USED DUE TO SENSITIZING EFFECT OF  
FLUOROCARBONS.

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

Flash Point:NONE  
Lower Limits:NOT RELEVANT  
Upper Limits:NOT RELEVANT  
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR D

RY

CHEMICAL FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED  
SELF-CONTAINED BREATHING APPARATUS. HAZARDOUS DECOMPOSITION  
PRODUCTS MAY BE FORMED.

Unusual Fire/Explosion Hazard:CONTAINER MAY RUPTURE DUE TO HEAT OF  
FIRE.

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

Spill Release Procedures:VENTILATE AREA. REMOVE LEAKING THERMOMETER TO  
EXHAUST HOOD OR OUTDOOR AREA.

Neutralizing Agent:NOT RELEVANT

=====

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

Handling and Storage Precautions:STORE AWAY FROM INCOMPATIBLES. KEEP  
OUT OF REACH OF SMALL CHILDREN.

Other Precautions:WASH HANDS AFTER HANDLING.

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

Respiratory Protection:NONE SHOULD BE NEEDED.

Ventilation:ADEQUATE

Protective Gloves:NONE SHOULD BE NEEDED.

Eye Protection:SAFETY GLASSES RECOMMENDED

Other Protective Equipment:NONE SHOULD BE NEEDED.

Work Hygienic Practices:OBS

ERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES.

Supplemental Safety and Health

THIS IS A THERMOMETER WHICH HAS SMALL AMOUNTS OF TETRAFLUOROMETHANE GAS  
(3-4 OZ). FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A,  
SAME NSN.

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

HCC:G3

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:-198F,-128C

Melt/Freeze Pt:M.P/F.P Text:-299F,-184C

Vapor Pres:GAS

Vapor Density:3.038

Spec Gravity:GAS

Viscosity:

NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:NEGLIGIBLE

Appearance and Odor:COLORLESS, ODORLESS GAS AT NORMAL TEMPERATURE AND PRESSURE

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

ALUMINUM, CARBON DIOXIDE ABOVE 1000C, ALLOYS OF MORE THAN 2% MAGNESIUM IN PRESENCE OF WATER

Stability Condition to Avoid:EXCESSIVE HEAT

Hazardous Decomposition Products:MAY FORM

FLUORINE/CARBONYL FLUORIDE.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH 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 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.