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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 INDUSTRIES 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

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

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Hazards Identification
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LD50 LC50 Mixture:NOT RELEVANT
Routes of Entry: 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

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First Aid Measures
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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
NT
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY 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 Protect

ive Equipment:NONE SHOULD BE NEEDED.

Work Hygienic Practices:OBSERVE 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,-184

C

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

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