

MINNESOTA MINING & MFG CO INDUSTRIAL CHEM PRODUCTS -- FC-72 FLUORINERT BRAND
ELECTRONIC LIQUID -- 6810-01-125-5270

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

Product ID:FC-72 FLUORINERT BRAND ELECTRONIC LIQUID

MSDS Date:11/19/1992

FSC:6810

NIIN:01-125-5270

MSDS Number: BWSVV

=== Responsible Party ===

Company Name:MINNESOTA MINING & MFG CO INDUSTRIAL CHEM PRODUCTS

Address:3M CENTER

City:SAINT PAUL

State:MN

ZIP:55144

Country:US

Info Phone Num:612-733-1000

Emergency Phon

e Num:612-733-5454

CAGE:28112

=== Contractor Identification ===

Company Name:MINNESOTA MINING AND MFG CO, DBA 3M

Address:3M CENTER BLDG 224-5S-04

Box:City:SAINT PAUL

State:MN

ZIP:55144-1000

Country:US

Phone:866-556 5712 / 612-733-1110

CAGE:76381

Company Name:MINNESOTA MINING AND MFG CO PERFORMANCE CHEM AND FLUIDS DIV

Address:3M CTR

Box:City:SAINT PAUL

State:MN

ZIP:55144-1000

Country:US

Phone:800-364-3577/651-737-6501

CAGE:28112

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

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Ingred Name:PERFLUORO COMPOUNDS,C5-18

CAS:86508-42-1

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:SKIN & EYE CONTACT:NO SIGNIFICANT

IRRITATION EXPECTED. INHALATION:NO HEALTH EFFECTS EXPECTED UNLESS
PRODUCT IS O

VER HEATED & DECOMPOSITION OCCURS. INGESTION:NOT A
LIKELY EXPOSURE.

Explanation of Carcinogenicity:MANUFACTURER GAVE NO INFORMATION ABOUT
CARCINOGENICITY. HMIS FOUND NO LISTING & DOES NOT EXPECT IT TO BE
CARCINOGENIC.

Effects of Overexposure:MFR GAVE NO INFORMATION OF MSDS.

Medical Cond Aggravated by Exposure:MFR GAVE NO INFORMATION OF MSDS.

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

First Aid:IF ANY IRRITATION PERSISTS OR SEVERE, GET MEDICAL ATTENTION.

EYE:FLUSH W/WATER FOR 15 MIN. SKIN:WASH W/SOAP & WATER.

INHALED:REMOVE FROM CONTAMINATED AREA. AID OR RESTORE BREATHING AS
NEEDED. INGESTED :NO NEED FOR FIRST AID ANTICIPATED.

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

Flash Point Method:SCC

Flash Point:NONFLAMMABLE

Autoignition Temp:Autoignition Temp Text:N/A.

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:NONFLAMMABLE.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING. AVOID BREATHI
NG

PRODUCTS & SUBSTANCES RESULTING FROM THERMAL DECOMPOSITION. KEEP
CONTAINERS COOL W/WATER SPRAY.

Unusual Fire/Explosion Hazard:EXPOSURE TO EXTREME HEAT MAY GIVE RISE TO
THERMAL DECOMPOSITION.

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

Spill Release Procedures:OBSERVE PRECAUTIONS FROM OTHER SECTIONS. I/A/W
GOOD INDUSTRIAL PRACTICE, PROVIDE EXHAUST VENTILATION FOR LARGE
SPILLS OR CONFINED SPACES. COLLECT SPILLED MATERIAL W/ABSORBENT.
PLACE IN AP

PROVED CONTAI NER.

Neutralizing Agent:MFR GAVE NO INFORMATION OF MSDS.

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

Handling and Storage Precautions:STORE UNDER NORMAL WAREHOUSE
CONDITIONS.

Other Precautions:NONE

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

Respiratory Protection:IF THERMAL DECOMPOSITION OCCURS, SELECT A NIOSH
APPROVED RESPIRATOR BASED ON AIRBORNE CONCENTRATIONS OF
CONTAMINANTS & I/A/W OSHA REGULATIONS: HALF-MASK OR F

ULL-FACE

SUPPLIED AIR RESPIRATOR.

Ventilation:WHERE PRODUCT MAY BE OVERHEATED, USE SUFFICIENT LOCAL EXHAUST TO KEEP EXPOSURE 1 (BUTYL ACETATE = 1)

Solubility in Water:NIL

Appearance and Odor:COLORLESS, CLEAR, ODORLESS LIQUID

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

FINELY DIVIDED ACTIVE METALS, ALKALI AND ALKALINE EARTH METALS.

Stability Condition to Avoid:HIGHLY STABLE UNLESS SEVERELY OVERHEATED.

Hazardous Decomposition Products:HYDROGEN FLUORIDE, PERFLUOROISOBUTYLENE (PFIB)

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:RECLAIM IF FEASIBLE. INCINERATE IN PRESENCE OF COMBUSTIBLE IN INDUSTRIAL OR COMMERCIAL FACILITY CAPABLE OF HANDLING HALOGENATED WASTE. CONTACT DISTRIBUTER FOR PRODUCT RETURN. CONSULT APPLICABLE REGULATIONS OR AUTHORITIES PRIOR TO DISPOSAL.

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