

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:M

N

ZIP:55144

Country:US

Info Phone Num:612-733-1000

Emergency Phone 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

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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

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Hazards Identification  
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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 EXPECT

ED. INHALATION:NO HEALTH EFFECTS EXPECTED UNLESS  
PROCUCT IS OVER 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.

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First Aid Measures  
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First Ai

d: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.

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Fire Fighting Measures  
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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 BREATHING 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 CONFI

NED SPACES. COLLECT SPILLED MATERIAL W/ABSORBENT. PLACE IN APPROVED CONTAINER.

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 FULL-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. CONSUL

T APPLICABLE REGULATIONS OR AUTHORITIES PRIOR TO DISPOSAL.

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