

MINNESOTA MINING & MFG CO INDUSTRIAL CHEM PRODUCTS -- FC-75 FLUORINET BRAND  
ELECTRONIC LIQUID -- 6850-00-964-0838

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

Product ID:FC-75 FLUORINET BRAND ELECTRONIC LIQUID

MSDS Date:04/12/1989

FSC:6850

NIIN:00-964-0838

MSDS Number: BJPMQ

=== Responsible Party ===

Company Name:MINNESOTA MINING & MFG CO INDUSTRIAL CHEM PRODUCTS

Address:3M CTR

City:ST PAUL

State:MN

ZIP:55

144

Country:US

Info Phone Num:612-733-1110

Emergency Phone Num:612-733-1110

CAGE:28112

=== Contractor Identification ===

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 =====

Ingred Name:PERFLUOROCHEMICAL

CAS:86508-42-1

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

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azards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES/SKIN: PROLONGED CONTACT CAN CAUSE SLIGHT IRRITATION. AVOID BREATHING OF VAPOR. USE ONLY WITH ADEQUATE VENTILATION.

Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposure:IRRITATION OF EYES/SKIN/RESPIRATORY TRACT.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF SKIN AND RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. INGESTION:CALL A PHYSICIAN OR LOCAL POISON CONTROL CENTER.

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

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Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL AS APPROPRIATE FOR SURROUNDINGS.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS SUCH AS TOXIC FLUORINE COMPOUNDS.

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

Spill Release Procedures:MOP OR WIPE UP SPILL WITH INORGANIC ABSORBENT MATERIAL AND PLACE IN CLOSED CONTAINER.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA AWAY FROM SOURCES OF IGNITION. KEEP CONTAINER CLOSED WHEN NOT IN USE. PROTECT FROM PHYSICAL DAMAGE.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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Exposure Controls/Personal Protection =====

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH-RESPIRATOR SELECTION.

Ventilation:MECHANICAL (GENERAL) VENTILATION IS USUALLY ADEQUATE.

Protective Gloves:RUBBER GLOVES

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hy

gienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

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

HCC:N1

Boiling Pt:B.P. Text:216F,102C

Vapor Pres:31

Vapor Density:14 AIR=1

Spec Gravity:1.80

Viscosity:0.7 CS

Evaporation Rate & Reference:1.00 (N-BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:COLORLESS, ODORLESS LIQUID

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, FINELY DIVIDED METALS, ALKALI AND ALKALINE EARTH METALS.

Stability Condition to Avoid:HIGH TEMPERATURES (>200F), SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE, AND OTHER POSSIBLE BYPRODUCTS OF FLUORINE SUCH AS HF AND PERFLUOROISOBUTYLENE (PFIB).

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH AL

L APPLICABLE

FEDERAL, STATE AND LOCAL REGULATIONS. SMALL QUANTITIES MAY BE  
EVAPORATED IN A FUME HOOD.

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