

3M CENTER;INDUSTRIAL CHEMICAL PRODUCTS DIVISION -- FC-43 FLUORINERT BRAND
ELECTRONIC LIQUID -- 6850-00-713-1012

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

Product ID:FC-43 FLUORINERT BRAND ELECTRONIC LIQUID

MSDS Date:04/12/1989

FSC:6850

NIIN:00-713-1012

MSDS Number: BFM CJ

=== Responsible Party ===

Company Name:3M CENTER;INDUSTRIAL CHEMICAL PRODUCTS DIVISION

Address:3M CENTER

City:ST.PAUL

State:MN

ZIP:551

44-1000

Country:US

Info Phone Num:612-733-1110

Emergency Phone Num:612-733-1110

CAGE:52152

=== Contractor Identification ===

Company Name:MINNESOTA MINING & MFG CO INDUSTRIAL TAPE & SPECIALTIES
DIV

Address:3M CENTER

Box:City:ST PAUL

State:MN

ZIP:55144-1000

Country:US

Phone:1-800-364-3577

CAGE:52152

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 =====

Ingred Name:PERFLUORO COMPOUNDS,C*5-18

CAS:86508-42-1

Fraction by Wt: 100.0%

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE:IRRITATION OF
EYES,SKIN,RESPIRATORY OR G,I.TRACT;REDNESS OR BURNS OF EYES ARE
POSSIBLE.

Explanation of Carcinogenicity:DATA PER MGF MSDS.

Effects of Overexposure:SEE HEALTH HAZARDS DATA.

Medic

al Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE
WORSEN.

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

First Aid:EYES AND SKIN:FLUSH WITH LARGE AMOUNT OF WATER FOR ABOUT
15-20 MINUTES;SEEK MEDICAL ATTENTION IMMEDIATELY.INHALATION:REMOVE
TO FRESH AIR;CALL A PHYSICIAN.INGESTION:SEEK MEDICAL ATTENTION
IMMEDIATELY.

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

Flash Point Method:SCC

Flash Point:NONE

Extinguishing Media:US

E CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER
FOG.

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:NONE

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTIVE EQUIPMENT.
COVER WITH ABSORBENT MATERIAL. COLLECT SPILLED MATERIAL. PLACE IN A
CL

OSD CONTAINER.

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

Handling and Storage Precautions:STORE IN COOL, DRY AND WELL VENTILATED AREA.KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions:AVOID BREATHING OF VAPORS. USE ADEQUATE VENTILATION.

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

Respiratory Protection:IF DECOMPOSITION OCCURS,AN AIR SUPPLIED RESPIRATOR SHOULD BE WORN

Ventilation:LOCAL EXHAUST RECOMMENDED ABOVE BOILING TEMPERATURES.

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES/GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING.SAFETY SHOWER.

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE VAPORS/MIST/DUST.WASH THOROUGHLY AFTER EACH USE.

Supplemental Safety and Health
WASH THOROUGHLY AFTER EACH USE.

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

HCC:N1

Boiling Pt:B.P. Text:345F,174C

Vapor Pres:1.3

Vapor Density:23.3

Spec Gravi

ty:1.9

Evaporation Rate & Reference: