View NSN Online: https://aerobasegroup.com/nsn/6850-00-964-0838

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MINNESOTA MINING AND MFG CO -- FC-77 FLUORINERT BRAND ELECTRONIC LIQUID (SEE
SUPPL) -- 6850-00-964-0838
============= Product Identification ========================
Product ID:FC-77 FLUORINERT BRAND ELECTRONIC LIQUID (SEE SUPPL)
MSDS Date:07/08/1999
FSC:6850
NIIN:00-964-0838
Status Code:A
MSDS Number: CLGSX
=== Responsible Party ===
Company Name: MINNESOTA MINING AND MFG CO
Address:3M CENTER
City:SAINT PAUL
State:MN
ZIP:
55144-1000
Country:US
Info Phone Num:800-364-3557 / 651-737-6501(24 HR)
Emergency Phone Num:612-737-6501
Resp. Party Other MSDS Num.:DOCUMENT: 10-3791-0
Preparer's Name: NOT PROVIDED
CAGE:76381
=== 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
Contract Num:SP0450-01-D-4083
CAGE:76381
===== Composition/Information on Ingredients ====
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Ingred Name: PERFLUORO COMPOUNDS, (PRIMARILY COMPOUNDS WITH 8 CARBONS)
CAS:86508-42-1
= Wt:100.
Other REC Limits: NOT PROVIDED
========== Hazards Identification ================
LD50 LC50 Mixture: NOT PROVIDED
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic: EYE CONTACT: CONTACT WITH THE EYES
  DURING PRODUCT USE IS NOT EXPECTED TO RESULT IN SIGNIFICANT
  IRRITATION. SKIN CONTACT: CONTACT WITH THE SKIN DURING PRODUCT USE
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S NOT EXPECTED TO RESULT IN SIGNIFICA NT IRRITATION. INHALATION:
HEALTH EFFECTS FROM INHALATION ARE NOT EXPECTED UNLESS THE PRODUCT
IS OVER HEATED AND DECOMPOSITION OCCURS. IF SWALLOWED: INGESTION
IS NOT A LIKELY ROUTE OF EXPOSURE TO TH IS PRODUCT. IF THE PRODUCT
IS EXPOSED TO EXTREME CONDITION OF HEAT FROM MISUSE OR EQUIPMENT
FAILURE, TOXIC DECOMPOSITION PRODUCTS THAT INCLUDE HYDROGEN
FLUORIDE AND PERFLUOROISOBUTYLENE CAN OCCUR.

Explanation of Carcinogenicity:NONE

Effe

cts of Overexposure:ORAL PRACTICALLY
NON-TOXIC DERMAL MINIMALLY IRRITATING
EYE PRACTICALLY NON-IRRITATING
INHALATION PRACTICALLY NON-TOXIC
Medical Cond Aggravated by Exposure:NOT PROVIDED

FIRST AID:EYE CONTACT: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER. GET IMMEDIATE MEDICAL ATTENTION. SKIN CONTACT: WASH AFFECTED AREA WITH SOAP AND WATER. INHALATION: IF SIGNS/SYMPTOMS

OCCUR, REMOVE P ERSON TO FRESH AIR. IF SIGNS/SYMPTOMS CONTINUE, CALL A PHYSICIAN. IF SWALLOWED: NO NEED FOR FIRST AID IS ANTICIPATED. THIS PRODUCT IS NOT EXPECTED TO BE IRRITATING TO THE EYES, SKIN OR RESPIRATORY SY STEM AT ROOM TEMPERATURE CONDITIONS. THIS ASSESSMENT DOES NOT ACCOUNT FOR CONTAMINANTS FROM PRODUCT USE. THE SUGGESTED FIRST AID MEASURES ARE BASIC FIRST AID MEASURES FOR REMOVAL OF FOREIGN MATERIALS FROM THE SKIN AND/OR EYES.

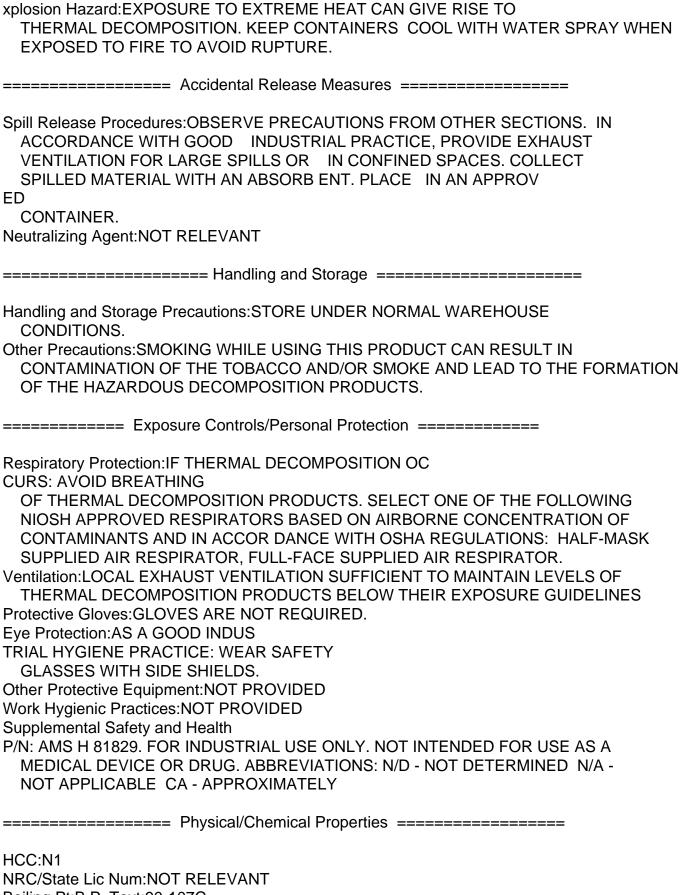
Flash Point Method:SCC

Flash Point:NONE

Extinguishing Media: NONFLAMMABLE.

Fire Fighting Procedures:WHEN FIRE FIGHTING CONDITIONS ARE SEVERE AND THERMAL DECOMPOSITION IS POSSIBLE, WEAR FULL PROTECTIVE CLOTHING, INCLUDING HELMET, SELF-CONTAINED, POSITIVE PRESSURE OR PRESSURE DEMAND BREATHING APPARATU S, BUNKER COAT AND PANTS, BANDS AROUND ARMS AND LEGS, FACE MASK, AND PROTECTIVE COVERING FOR EXPOSED AREAS OF THE HEAD.

Unusual Fire/E



HCC:N1 Boiling Pt:B.P. Text:90-107C Decomp T

Vapor Density:CA 14 Spec Gravity:CA. 1.8 Viscosity:0.8 CST @ 20C Evaporation Rate & Description (N-BUTYL ACETATE=1)
Solubility in Water:NIL Appearance and Odor:COLORLESS LIQUID - ODORLESS Percent Volatiles by Volume:CA. 100 Corrosion Rate:NOT PROVIDED
========= Stability and Reactivity Data =========
Stability Indicator/Materials to Avoid:YES FINELY DIVIDED ACTIVE METALS, ALKALI AND ALKALINE EARTH METALS. Stability Con dition to Avoid:NOT PROVIDED Hazardous Decomposition Products:IF THE PRODUCT IS EXPOSED TO EXTREME CONDITION OF HEAT FROM MISUSE OR EQUIPMENT FAILURE, TOXIC DECOMPOSITION PRODUCTS THAT INCLUDE HYDROGEN FLUORIDE AND PERFLUOROISOBUTYLENE CAN OCCUR
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Toxicological Information:EXPOSURE ROUTE SUMMARY OF TOXICITY FINDINGS ORAL
PRACTICALLY NON-TOXIC DERMAL MINIMALLY IRRIT
ATING EYE PRACTICALLY  NON-IRRITATING INHALATION PRACTICALLY  NON-TOXIC
========= Ecological Information ============
Ecological:BIODEGRADATION: CHEMICAL OXYGEN DEMAND (COD): NIL. 20-DAY BIOCHEMICAL OXYGEN DEMAND (BOD20): NIL. AQUATIC TOXICITY: FATHEAD MINNOW (PIMEPHALES PROMELAS) 96-HR. LL50: >1000 MG/L. WATER FLEA (DAPHNI A MAGNA) 48-HR. EL50: >1500 MG/L. THIS SUBSTANCE IS

RESISTANT TO BIODEGRADATION AND IS THEREFORE LIKELY TO

emp:Decomp Text:NOT PROVIDED

Vapor Pres:CA. 42 @ 20C

PERSIST IN THE ENVIRONMENT. THIS LOW-SOLUBILITY SUBSTANCE HAS INSIGNIFICANT TOXICITY TO AQUA TIC ORGANISMS (LOWEST LL50 OR EL50 IS >1000 MG/L). LL50 (LETHAL LEVEL) AND EL50 ARE SIMILAR TO LC50 AND EC50, BUT TESTS THE WATER PHASE FROM INCOMPLETELY-MISCIBLE MIXTURES.	
========= Disposal Considerations =============	
Waste Disposal Methods:AS A DISPOSAL ALTERNATIVE, INCINERATE IN THE PRESENCE OF A COMBUSTIBLE MATERIAL IN AN INDUSTRIAL OR COMMERCIAL FA CILITY CAPABLE OF HANDLING HALOGENATED WASTE.	
RECLAIM IF FEASIBLE. FOR INFORMAT ION ON PRODUCT RETURN, CONTACT YOUR DISTRIBUTOR.	
========= MSDS Transport Information =============	
Transport Information:TRANSPORTATION INFORMATION: NOT REGULATED, ALL TRANSPORTATION MODES.	
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SARA Title III Information:SINCE REGULATIONS VARY, CONSULT APPLICABLE REGULATIONS OR AUTHORITIES BEFORE DISPOSAL  . U.S. CLEAN WATER	
ACT, SECTION 307, TOXIC POLLUTANTS = NONE. U.S. EPA HAZARDOUS WASTE NUMBER = NONE (NOT U.S. EPA HAZARDOUS). EPCRA 311/312 REPORTABLE QUANTITY = NOT REPORTABLE.	
Federal Regulatory Information:THE COMPONENTS OF THIS PRODUCT ARE IN COMPLIANCE WITH THE CHEMICAL REGISTRATION REQUIREMENTS OF: TSC EINECS, CDSL, AICS, MITI.	Α,

State Regulatory Information: NOT PROVIDED

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ed with this information by the compiling agencies):

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