



## **MS-122 FLUOROCARBON RELEASE AGENT**

### **MSDS Number**

BBCNP

### **National Stock Number**

6850-00D000363

### **Product Name**

MS-122 FLUOROCARBON RELEASE AGENT

### **Manufacturer**

MILLER STEPHENSON CHEMICAL CO INC

### **Product Identification**

Product ID:MS-122 FLUOROCARBON RELEASE AGENT

MSDS Date:01/01/1986

FSC:6850

NIIN:00D000363

MSDS Number: BBCNP

### **Responsible Party**

MILLER-STEPHENSON CHEMICAL CO.,INC.

GEORGE WASHINGTON HIGHWAY

DANBURY , CT 06810

US

Emergency Phone: 203-797-2212

Info Phone: 203-743-4447

Preparer: JANET STEPHENS

Cage: 18598

### **Contractor**

MILLER-STEPHENSON CHEMICAL CO INC

950

DANBURY, CT 06810

US

203-743-4447

Cage: 18598

### **Ingredients**

1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113) (SARA

CAS: 76-13-1

RTECS: KJ4000000

Fraction By Weight: 3-5%

OSHA PEL1000PPM/1250STEL

ACGIH TLV: 1000PPM/1250STEL9192

TRICHLOROFLUOROMETHANE (CFC-11) (SARA III)

CAS: 75-69-4

RTECS: PB6125000

Fraction By Weight: 45-50%



OSHA PEL1000 PPM

ACGIH TLV: C, 1000 PPM; 9293

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

DICHLORODIFLUOROMETHANE (SARA III)

CAS: 75-71-8

RTECS: PA8200000

Fraction By Weight: 45-50%

OSHA PEL1000 PPM

ACGIH TLV: 1000 PPM; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

TELOMER OF TETRAFLUOROETHYLENE

Fraction By Weight: 1-2%

## Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and

Chronic:ACUTE:INHALATION:DIZZINESS,NARCOSIS.ANESTHESIA,CARDIAC

IRREGULARITIES;SKIN:DEFATING,IRRITATION;EYES:IRRITATION

CHRONIC:DERMATITIS,IRRITATION

Medical Cond Aggravated by Exposure:COMPLICATIONS OF CARDIOVASCULAR DISEASE

## First Aid

First Aid:INHALATION:MOVE PERSON TO FRESH AIR.IF NECESSARY GIVE ARTIFICIAL RESPIRATION OR OXYGEN.EYES:FLUSH WITH WATER FOR 15 MINS.DO NOT GIVE DRUGS THAT MAY INDUCE VENTRICULAR ARRHYTHIMA.

## Fire Fighting

Flash Point:N/R,AEROSOL

Extinguishing Media:USE ANY MEDIA FOR SURROUNDING FIRES.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN CONFINED AREA.

Unusual Fire/Explosion Hazard:PRESSURIZED AEROSOL CONTAINERS AT ELEVATED TEMP;MAY VENT,RUPTURE OR BURST & ADD TO FLYING & FALLING

## Accidental Release

Spill Release Procedures:PROPELLANT VAPORS TEND TO CONCENTRATE IN LOW PLACES.VENTILATE AREA.WIPE UP SPILL & DISPOSE TO LANDFILL.WASH HANDS WITH SOAP & WATER.

## Handling

Handling and Storage Precautions:DO NOT STORE NEAR SOURCES OF HEAT IN DIRECT SUNLIGHT OR WHERE TEMPERATURE EXCEEDS 49C/120F.DO NOT PUNCTURE OR DAMAGE CONTAINERS.(SEE OTHER PRECAUTIONS

Other Precautions:ROTATE STOCK TO SHELF LIFE OF 1 YEAR.AVOID CONTAMINATION OF TOBACCO OR SMOKING WITH CONTAMINATED HANDS.

## Exposure Controls

Respiratory Protection:NO SPECIAL REQMENTS UNDER ORDINARY CONDITIONS/ADEQUATE VENT.

Ventilation:LOCAL EXHAUST FOR FUMES IF HEATING OVER 400F

Protective Gloves:RUBBER

Eye Protection:SAFETY GOGGLES.



Other Protective Equipment: AS REQUIRED TO PREVENT PROLONGED CONTACT.  
Supplemental Safety and Health  
UNUSUAL FIRE & EXPLOSION HAZARDS (CONTD): DEBRIS. INTENSE HEAT MAY CAUSE  
DECOMPOSITION W/EMISSION OF HALOGEN ACIDS.

## Chemical Properties

HCC: V2  
Boiling Pt: =23.9C, 75.F  
Vapor Pres: 250  
Vapor Density: 6.0.  
Spec Gravity: 1.6  
Evaporation Rate & Reference: 1.0 (BUT-ACETATE=1)  
Solubility in Water: NEGLIGIBLE  
Appearance and Odor: MILKY DISPERSION WITH FAINT SOLVENT ODOR.  
Percent Volatiles by Volume: 99

## Stability

Stability Indicator/Materials to Avoid: YES  
FINELY DIVIDED REACTIVE METALS.  
Stability Condition to Avoid: DO NOT SMOKE WITH CONTAMINATED HANDS. AVOID  
SPRAY W/FLAMES, HT  
Hazardous Decomposition Products: HALOGEN ACIDS, PHOSGENE IN SMALLER AMTS  
& PERFLUOROCARBONS.

## Disposal

Waste Disposal Methods: DISPOSAL SERVICE TO APPROVED LANDFILL AS  
APPROPRIATE. DO NOT PUNCTURE OR INCINERATE AEROSOL CANS.

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