

CHEMTRONICS INC -- FLUX-OFF -- 6850-00-419-5004

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

Product ID:FLUX-OFF

MSDS Date:06/01/1987

FSC:6850

NIIN:00-419-5004

MSDS Number: BDYLB

=== Responsible Party ===

Company Name:CHEMTRONICS INC

Address:8125 COBB CENTER DRIVE

City:KENNESAW

State:GA

ZIP:30144

Country:US

Info Phone Num:800-645-5244 FAX 770-424-4267

Emergency Phone Num:770-424-4888/800-424-9300(CHEMTRAK)

CAGE:2M589

=== Contractor Identification ===

Company Name:CHEMTR

ONICS INC

Address:8125 COBB CENTER DRIVE

Box:City:KENNESAW

State:GA

ZIP:30152

Country:US

Phone:770-424-4888/800-645-5244

CAGE:21267

Company Name:CHEMTRONICS INC (CANCELLED USE 21267)

City:HAUPPAUGE

State:NY

ZIP:11760

Country:US

CAGE:2M589

===== Composition/Information on Ingredients =====

Ingred Name:1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113) (SARA
III)

CAS:76-13-1

RTECS #:KJ4000000

Fraction by Wt: 48.5%

OSHA PEL:1000PPM/1250STEL

ACGIH TLV:1000PPM/1250STEL9192

Ozo

ne Depleting Chemical:1

Ingred Name:METHYLENE CHLORIDE (SARA III)

CAS:75-09-2

RTECS #:PA8050000

Fraction by Wt: 48.5%

OSHA PEL:500 PPM/C,1000; Z2

ACGIH TLV:50 PPM, A2; 9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:CARBON DIOXIDE

CAS:124-38-9

RTECS #:FF6400000

Fraction by Wt: 3.0%

OSHA PEL:5000 PPM

ACGIH TLV:5000PPM/30000STEL;93

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NT

P:YES IARC:YES

Health Hazards Acute and Chronic:VAPOR IS HEAVIER THAN AIR & CAN CAUSE SUFFOCATION. METHYLENE CHLORIDE IS METABOLIZED TO CO,RAISING THE CARBOXY HEMOGLOBIN CONCENTRATION IN THE BLOOD WITH RESULTING SYMPTOMS OF CARBON MONOXIDE POISONING.

Explanation of Carcinogenicity:THE CARCINOGENITY IS BEING STUDIED BY OSHA.FOR METHYLENE CHLORIDE.

Effects of Overexposure:LIGHT-HEADEDNESS,GIDDINESS,SHORTNESS OF BREATH,POSSIBLE NARCOSIS,CARDIAC IRREGULARITIES,UNCONSCIOUSNESS OR DEATH.

Medical Cond Aggravated by Exposure:CARDIOVASCULAR DISEASE OR SKIN DISEASE.

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

First Aid:INH:REMOVE TO FRESH AIR,IF NOT BREATHING,GIVE ARTIFICIAL RESPIRATION,PREFERABLY MOUTH-TO-MOUTH,OR GIVE OXYGEN,DO NOT GIVE EPINEPHRINE OR SIMILAR DRUGS; EYE/SKIN:FLUSH WITH WATER; ING:DO NOT INDUCE VOMITING AS THE HAZARD OF ASPIRATING THE MATERIAL INTO THE LUNGS IS A GREATER HAZARD THAN ALLOWING IT TO PROG

RESS THROUGH THE
INTESTINAL TRACT.GIVE 2 GLASSES OF WATER/CHARCOAL,DO NOT FEED
UNCONSCIOUS.

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

Extinguishing Media:NONFLAMMABLE,USE PROPER MEDIA FOR SURROUNDING FIRE.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS.

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

Spill Release Procedures:VENTILATE AREA,REMOVE OPEN FLAMES OR RED HOT
SURFACES. ALLOW TO EVAPORATE.

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

Handling and Storage Precautions:DO NOT STORE NEAR SOURCES OF HEAT,IN
DIRECT SUNLIGHT OR WHERE TEMPERATURES EXCEED 120F. DO NOT PUNCTURE
OR DAMAGE CONTAINERS. ROTATE STOCK.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR
(AIR-SUPPLIED) OR SCBA IF ABOVE PEL/TLV.
Ventilation:LOCAL EXHAUST OR GENERAL TO MAINTAIN PEL/TLV.
Protective Gloves:RUBBER
Eye Protec
tion:CHEMICAL SPLASH GOGGLES
Other Protective Equipment:APRON;EYE-WASH FACILITIES.
Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE
VAPORS/MIST;DO NOT EAT,DRINK OR SMOKE IN WORK AREA.
Supplemental Safety and Health
THE PRODUCT HAS A FORMULATION CHANGE,FOR OLD FORMULATION,SEE P/N IND:A.

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

HCC:V2
Boiling Pt:B.P. Text:97.7F/36.5C
Vapor Density:2.7
Spec Gravity:1.42
pH:7
Evaporation Rate & Reference:1

, ETHER=1.

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR,COLORLESS LIQUID WITH SOLVENT ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

ALKALI OR ALKALINE EARTH METALS,POWDERED ALUMINUM,ZINC,BERYLLIUM,ETC.

Stability Condition to Avoid:OPEN FLAMES OR RED,HOT SURFACES.

Hazardous Decomposition Products:HYDROCHLORIC ACID & HYDROFLUORIC
ACID,POSSIBLE CARBONYL HALIDES.

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=== Disposal Considerations =====

Waste Disposal Methods:ALLOW TO EVAPORATE. DO NOT PUNCTURE OR
INCINERATE AEROSOL CANS. COMPLY WITH FEDERAL,STATE & LOCAL REGS.

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