

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

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Product Identification  
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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:CHEMTRONICS 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

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Composition/Information on Ingredients  
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Ingred Name:1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113) (SARA  
III)

CAS:76-13-1

RTECS #:KJ4000000

Fraction by Wt: 4

8.5%  
OSHA PEL:1000PPM/1250STEL  
ACGIH TLV:1000PPM/1250STEL9192  
Ozone 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

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

Routes of Entry: In  
halation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP: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 POISONI NG.  
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.

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===== 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 VOM ITING AS THE HAZARD OF ASPIRATING THE MATERIA

L INTO THE

LUNGS IS A GREATER HAZARD THAN ALLOWING IT TO PROGRESS THROUGH THE  
INTESTINAL TRACT.GIVE 2 GLASSES OF WATER/CHARCOAL,DO NOT FEED  
UNCONSCIOUS.

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

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

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Handling and Storage  
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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.

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Exposure Controls/Personal Protection  
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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 Protection: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.

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Physical/Chemical Properties  
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HCC:V2

Boiling Pt:B.P. Text:97.7F/36.5C

Vapor Dens

ity: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 & HY

DROFLUORIC

ACID,POSSIBLE CARBONYL HALIDES.

===== 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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