

CHEMTRONICS INC -- E-SERIES FREEZ-IT, ES120, ES120-6, ES150 -- 6850-01-333-1841

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Product Identification  
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Product ID:E-SERIES FREEZ-IT, ES120, ES120-6, ES150

MSDS Date:11/01/1992

FSC:6850

NIIN:01-333-1841

MSDS Number: BMXFH

=== Responsible Party ===

Company Name:CHEMTRONICS INC

Address:8125 COBB CENTER RD

City:KENNESAW

State:GA

ZIP:30144

Country:US

Info Phone Num:404-424-4888

Emergency P

hone Num:404-424-4888/800-424-9300(CHEMTREC)

Preparer's Name:M. WALKINS, QUAL.CONTROL

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:CHLORODIFLUOROMETHANE

CAS:7

5-45-6  
RTECS #:PA6390000  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:1000 PPM  
ACGIH TLV:1000PPM; 9192  
Ozone Depleting Chemical:2

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

LD50 LC50 Mixture:LC50 (RAT) 300,000 PPM/30 MIN  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALATION-VAPOR IS HEAVIER THAN AIR  
AND CAN CAUSE SUFFOCATION BY REDUCING OXYGEN AVAILABLE FOR  
BREATHING.  
EYES-LIQUID CAN CAUSE SEVERE TISSUE DAMAGE FROM  
FROSTBITE. INGESTION-INGESTION MAY RESULT IN FREEZING OF THE  
LINING OF THE THROAT ANDMOUTH. SKIN-LIQUID CAN CAUSE SEVERE DAMAGE  
FROM FROSTBITE.  
Explanation of Carcinogenicity:NOT LISTED AS A CARCINOGEN BY NTP, IARC  
OR OSHA  
Effects of Overexposure:INHALATION: LIHGT-HEADEDNESS, GIDDINESS,  
SHORTNESS OF BREATH, NARCOSIS, CARDIAC IRREGULARITIES,  
UNCONSCIOUSNESS, DEATH. EYE: MAY CAUSE FROSTBITE. INGESTION:  
NAUSEA, VOMITING,  
FREEZE OF THE INTERNAL TI SSUE MAY OCCUR. SKIN:  
MAY CAUSE FROSTBITE, IRRITATION OR REDDENING MAY OCCUR DUE TO  
DEFATTING.  
Medical Cond Aggravated by Exposure:CARDIOVASCULAR DISEASE.

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

First Aid:INHALATION-REMOVE TO FRESH AIR & CALL PHYSICIAN. IF NOT  
BREATHING, GIVE CPR. IF BREATHING DIFFICULT GIVE OXYGEN. DO NOT  
GIVE EPINEPHRINE OR SIMILIAR DRUG. EYE-IMMEDIATELY FLUSH WITH  
WATER. SEEK MEDICA L ATTENTION. INGE  
STION-NO SPECIFIC INTERVENTION  
IS INDICATED, AS NOT HAZARDOUS BY INGESTION. SKIN-TREAT FOR  
FROSTBITE. FLUSH WITH WATER. SEEK MEDICAL ATTENTION.

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

Flash Point Method:TCC  
Flash Point:NONE  
Extinguishing Media:NON-FLAMMABLE.  
Fire Fighting Procedures:SELF-CONTAINED BREATHING APPARATUS MAY BE  
REQUIRED IF AEROSOL CONTAINER'S RUPTURE & CONTAINERS ARE RELEASED  
UNDER FIRE CONDITIONS.  
Unusual Fire/Explosion Hazard:PRESSURI

ZED AEROSOL CONTAINERS MAY VENT,  
RUPTURE OR EXPLODE & ADD TO FLYING & FALLING DEBRIS. DECOMPOSITION  
MAY OCCUR.

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

Spill Release Procedures: VENTILATE AREA. REMOVE OPEN FLAMES OR OTHER  
SOURCES OF IGNITION. COLLECT SPILLED PRODUCT WITH ABSORBENT  
MATERIAL AND PLACE IN CLOSED STEEL DRUM FOR PROPER DISPOSAL.

Neutralizing Agent: NONE

===== 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.

Other Precautions: DO NOT BREATHE VAPORS.

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

Respiratory Protection: NO. GOOD VENTILATION/H.C. RESPIRATORS.

Ventilation: AS NEEDED TO COMPLY WITH TLV.

Protective Gloves: BUTYL GLOVES.

Eye Protection: CHEMICAL SPLASH GOGGLES.

Other Protective Equipment: EYE WASH STATION AND  
SAFETY SHOWER

RECOMMENDED.

Work Hygienic Practices: WASH THOROUGHLY AFTER USE AND BEFORE EATING,  
SMOKING OR USING TOILET FACILITIES. DO NOT BREATHE VAPORS OR MIST.

Supplemental Safety and Health

NONE

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

HCC: V2

Boiling Pt: -40.6C, -41.F

Vapor Pres: 138 PSIG

Vapor Density: 2.98

Spec Gravity: 1.19

Evaporation Rate & Reference: