

CHEMTRONICS INC -- ES7200 FLUX-OFF CZ -- 6850-01-436-4578

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Product Identification
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Product ID:ES7200 FLUX-OFF CZ

MSDS Date:10/06/1997

FSC:6850

NIIN:01-436-4578

MSDS Number: CDPZF

=== 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:770-424-4888/80

0-424-9300(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:CIROZANE

Fraction by Wt: 55-90%

Other REC Limits:NONE RECOMMENDED

Ingred Name:1,1,1,2-TETRAF

LUOROETHANE

CAS:811-97-2

Fraction by Wt: 10-40%

Other REC Limits:NONE RECOMMENDED

Ingred Name:METHYL ALCOHOL (METHANOL) (SARA 313) (CERCLA)

CAS:67-56-1

RTECS #:PC1400000

Fraction by Wt: 1-3%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:S, 200 PPM

ACGIH TLV:S,200PPM/250STEL; 96

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:DOES NOT HAVE ESTABLISHED EXPO LIMITS.

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

YES

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

Health Hazards Acute and Chronic:LIQUID MAY IRRIT EYES/SKIN UNDER

REPEATED OR PROL EXPO.BREATHING HI CONC OF PRODUCT VAPOR MAY
PRODUCE DIZZ/NAUSEA.EYE:LIQ/AEROSOLS/VAP OF PRODUCT MAY BE IRRIT &
CAN CAUSE PAIN,TEARING,REDDENING,SWELLI NG ACCOMPANIED BY STINGING
SENSATION.SKIN:PROL CONTACT CAN CAUSE IRRIT.INGEST:MAY BE HARMFUL
IF INGEST.INGEST(SIGN/SYMP)

Explanation of Carcinogenicity:PER MSDS:CANCER INFO:NO INGREDIENTS

LISTED AS HUMAN CARCINOGENS BY NTP/IARC.

Effects of Overexposure:HEALTH:MATL MAY RESULT IN VOMIT/WEAKNESS

FOLLOWED BY CENTRAL NERVOUS SYSTEM DEPRESSION.INHAL:CAN BE HARMFUL
IF INHAL HI CONC OF VAPORS IN IMMED AREA CAN CAUSE
DIZZ,NAUSEA,VOMIT.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE:IMMED FLUSH W/PLENTY OF H2O.AFT INITIAL FLUSH REMOVE ANY
CONTACT LENSES & CONT FLUSH

FOR @LEAST 15MINS.HAVE EYE EXAM/TEST
BY MED PERSONNEL IF IRRIT DVLPS/PERSISTS.SKIN:WASH
W/SOAP/H2O.REMOVE CONT AM CLOTH.GET MED ATTN IF IRRIT
DVLPS/PERSIST.INGEST:DO NOT INDUCE VOMIT.IF CONSC GIVE 2GLASSES OF
H2O.NEVER GIVE ANYTHING BY MOUTH IF UNCONSC.KEEP HEAD BEL
KNEES-MINS CHANCE OF ASPIRATING MATL(SUPPLE)

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

Flash Point Method:TCC
Flash Point:NONE TO BOILING
Autoignition Temp:Autoignition Temp Text:NP
L
Lower Limits:NP
Upper Limits:NP
Extinguishing Media:USE WATER SPRAY OR FOG, CO2, DRY CHEMICAL OR WATER
STREAM WHEN FIGHTING FIRES INVOLVING THIS MATERIAL.
Fire Fighting Procedures:AS IN ANY FIRE WEAR SELF-CONTAINED BREATHING
APPARATUS(PRESSURE-DEMAND,MSHA/NIOSH APPROV OR EQUIVALENT)& FULL
PROTECITVE GEAR.
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:SHUT OFF LEAK IF POSSIBLE
AND SAFE TO DO
SO.ABOSRB SPILL W/INERT MATL(E.G.DRY SAND OR EARTH)THEN PLACE IN
CHEMICAL WASTE CONTAINER FOR PROPER DISPOSAL.DO NOT FLUSH TO
SEWER.AVOID RUNOFF INTO STORM SEW ERS/DITCHES WHICH LEAD TO
WATERWAYS.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOD RPOL/REP CONTACT
W/EYE/SKIN/CLOTH.WASH HANDS BEF EATING.USE W/ADEQUATE VENTI.AVOID
BREATH PRODUCT VAP/MI
ST.DO NOT REUSE THIS CNTNR.
Other Precautions:STORE IN COOL DRY PLACE AWAY FRM
HEAT,SPARK,FLAME.KEEP CNTNR CLSD WHEN NOT IN USE.DONT STORE IN
DIRECT SUNLIGHT.KEEP OUT OF REACH OF CHILDREN.FOR INDUSTRIAL USE
ONLY.DONT PUNCTURE/INCINERATE CNTNRS.

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

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER.
Ventilation:GOOD GEN VENTI SHOULD BE SUFFI TO CNTRL AIRBORNE
LEVS.NORMAL VENTI FOR STD MFG PRACT USUALLY ADEQU.LOC

EXHA-LG AMT
RELEA

Protective Gloves:RUBBER OR OTHER CHEM RESIST GLOVES
Eye Protection:SSAFETY GLASSES W/SIDE SHIELDS(OR GOGG)
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices:WASH CLOTH BEF REUSE.

Supplemental Safety and Health

1ST AID:MATL INTO LUNGS.GET MED ATTN IMMED.INHAL:REMOVE TO FRESH
AIR.BREATH IS DIFFIC GIVE OXY.GET MED ATTN. INCOMPAT:POTASH OR
OXIDIZING. CONDITIONS TO AVOID:METALS,ALKALI AND ALKALINE EARTH
METALS. D ISPO:H2O RUNOFF CAN
CAUSE ENVIRO DMG.CONTAINS TOXIC CHEM
SUBJ TO REPORT REQMT OF SEC 313 EPCRA/40CFR372:CARBINOL.

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

HCC:V2

Boiling Pt:B.P. Text:90.0F,32.2C

Melt/Freeze Pt:M.P/F.P Text:NP

Decomp Temp:Decomp Text:NP

Vapor Pres:220 @70F

Vapor Density:NP

Spec Gravity:1.50

pH:NA

Viscosity:NA

Evaporation Rate & Reference:>1, BUTYL ACETATE=1

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR,COLORLESS LIQUID, ETHEREAL ODOR

Percent Volatiles

by Volume:100

Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES

DONT MIX W/CHEM ACTIVE METALS SUCH AS POTASSIUM,MAGNESIUM,ZINC,POWDERED
ALUMINUM,STRONG BASE,CAUSTIC SODA,CAUSTIC(SUPPL)

Stability Condition to Avoid:STEAM,OXIDIZERS,ELEVATED TEMPS.DONT SPRAY
NEAR OPN FLAMES,RED HOT SURF,OTHER IGN SOURCES.FINELY DIVIDED
ACTIVE (SUPPLEM)

Hazardous Decomposition Products:THERM DECOMPO MAY RELEASE CARBON
M

ONOXIDE, HYDROGEN CHLORIDE AND HYDROGEN FLUORIDE.

===== Disposal Considerations =====

Waste Disposal Methods: AVOID RUNOFF INTO STORM SEWERS/DITCHES WHICH LEAD TO H₂OWAYS. H₂O RUNOFF CAN CAUSE ENVIRO DMG. US REGS REQUIRE REPORT SPILLS OF THIS MATL THAT COULD REACH ANY SURF H₂O-US COAST GUARD NAT RESP CNTNR 800- 424-8802. DISPO OF IAW ALL FED/STATE/LOCREG(SUPPL)

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