

E SERIES FLUX-OFF PLUS, ES2095CB

MSDS Number

CBLJY

National Stock Number

7930-00N070227

Product Name

E SERIES FLUX-OFF PLUS, ES2095CB

Manufacturer

CHEMTRONICS INC

Product Identification

Product ID:E SERIES FLUX-OFF PLUS, ES2095CB

MSDS Date:05/19/1993

FSC:7930

NIIN:00N070227

MSDS Number: CBLJY

Responsible Party

CHEMTRONICS INC

8125 COBB CENTER DRIVE

KENNESAW , GA 30144

US

Emergency Phone: 800-424-9300 (CHEMTREC)

Info Phone: 800-832-4401; 800-645-5244

Preparer: MICHAEL S WATKINS

Cage: 2M589

Contractor

CHEMTRONICS INC (CANCELLED USE 21267)

HAUPPAUGE, NY 11760

US

770-424-4888/800-645-5244

Cage: 2M589

Ingredients

ETHANE, 1,1,1-TRICHLORO-; (1,1,1-TRICHLOROETHANE) (SARA

CAS: 71-55-6

RTECS: KJ2975000

Fraction By Weight: 90-95%

OSHA PEL350 PPM

ACGIH TLV: 350 PPM; 450 STEL

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

5840 MG/KG

CAS: 67-63-0

RTECS: NT8050000

Fraction By Weight: 1-5%
OSHA PEL400 PPM
ACGIH TLV: 400 PPM; 500 STEL

DENATURED ALCOHOL, A MIXTURE OF INGREDIENTS 4-7.
RTECS: 9999999ZZ

13000 MG/KG
CAS: 64-17-5
RTECS: KQ6300000
Fraction By Weight: 1-5%
OSHA PEL1000 PPM
ACGIH TLV: 1000 PPM

ACETIC ACID, ETHYL ESTER; (ETHYL ACETATE) (CERCLA)
CAS: 141-78-6
RTECS: AH5425000
Fraction By Weight: 0.1-1.0%
OSHA PEL400 PPM
ACGIH TLV: 400 PPM
EPA Report Quantity: 5000 LBS
DOT Report Quantity: 5000 LBS

METHYL ALCOHOL (METHANOL) (SARA 313) (CERCLA).
CAS: 67-56-1
RTECS: PC1400000
Fraction By Weight: 0.1-1.0%
OSHA PEL200 PPM, S
ACGIH TLV: 200 PPM; 250 STEL, S
EPA Report Quantity: 5000 LBS
DOT Report Quantity: 5000 LBS

2-PENTANONE, 4-METHYL-; (METHYL ISOBUTYL KETONE) (SARA 313)
CAS: 108-10-1
RTECS: SA9275000
Fraction By Weight:
OSHA PEL100 PPM
ACGIH TLV: 50 PPM; 75 STEL
EPA Report Quantity: 5000 LBS
DOT Report Quantity: 5000 LBS

CARBON DIOXIDE

CAS: 124-38-9

RTECS: FF6400000

Fraction By Weight: 1.0-5.0%

OSHA PEL5000 PPM

ACGIH TLV: 5000 PPM; 30000 STEL

4.8%

RTECS: 9999999VO

OSHA PELN/K

ACGIH TLV: N/K

RESP. IF BRTHG, GIVE O*2. GET MED ATTN.

RTECS: 9999999ZZ

OSHA PELN/K

ACGIH TLV: N/K

STORM SEWERS & DITCHES WHICH LEAD TO WATERWAYS.

RTECS: 9999999ZZ

THEN PLACE IN CHEMICAL WASTE CONTAINER FOR PROPER

RTECS: 9999999ZZ

FORMATION OF HCL AND/PHOSGENE.

RTECS: 9999999ZZ

W/IN THEIR TLV'S DURING USE OF PRODUCT. MATL DOES NOT

RTECS: 9999999ZZ

Hazards

LD50 LC50 Mixture:SEE INGREDIENTS.

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

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

Health Hazards Acute and Chronic:EYE:LIQ, AEROSOLS & VAPS OF PROD ARE IRRIT & CAN CAUSE PAIN, TEARING, REDDENING & SWELLING ACCOMPANIED BY STINGING SENSATION. SKIN:CONT CAUSES SKIN IRRIT. INGEST:HARMFUL IF INGEST. IRRIT TO MOUTH, THR OAT & STOM. MAY CAUSE VOMIT.

INHAL:HARMFUL IF INHALED. HIGH CONC OF VAPS IN IMMED AREA CAN DISPLACE O*2(EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZ:& CAN CAUSE DIZZ, UNCONS & EVEN DEATH W/LONGER EXPOS. KEEP PEOPLE AWAY FROM SUCH VAPS W/OUT NIOSH/MSHA APPRVD SCBA. CHLOROCARBON MATLS HAVE PRDCD SENSITIZATION OF MYOCARDIUM TO EPINEPHRINE IN LAB ANIMALS & COULD HAVE SIMILAR EFT IN HUMANS. ADRENOMIMETICS(E.G., EPINEPHRINE) MAY BE CONTRAINDICATED EXCEPT(SUPDAT)

Medical Cond Aggravated by Exposure:HEART, LUNG, SKIN, EYE.

First Aid

First Aid:EYE: IMMED FLUSH W/PLENTY OF WATER. AFTER INITIAL FLUSHING,

REMOVE ANY CONTACT LENSES & CONTINUE FLUSHING FOR AT LEAST 15 MINS.
HAVE EYES EXAMINED & TESTED BY MD PERS IF IRRIT DEVELS/PERSISTS.
SKIN: W ASH SKIN W/SOAP & WATER. REMOVE CONTAMDCLTG. GET MD ATTN
IF IRRIT DEVEL/PERSIST. WASH CLTHG SEPARATELY BEFORE REUSE. INGEST:
GET MD ATTN IMMED. INDUCE VOMITING AS DIRECTED BY MD PERS.
KEEP(SUPDAT)

Fire Fighting

Flash Point Method:TCC
Flash Point:NONE TO BOILING
Extinguishing Media:USE ALCOHOL FOAM, CARBON DIOXIDE, OR WATER SPRAY
WHEN FIGHTING FIRE INVOLVING THIS MATERIAL.
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED PRESSURE DEMAND SCBA
& FULL PROTECTIVE EQUIPMENT.
Unusual Fire/Explosion Hazard:THERMAL DECOMPOSITION PRODUCTS MAY
INCLUDE HCL & PHOSGENE.

Accidental Release

Spill Release Procedures:SHUT OFF LEAK IF POSS & SAFE TO DO SO. WEAR
NIOSH/MSHA APPRVD PRESS DEMAND SCBA & APPROP PERS PROT EQUIP.
ABSORB SPILL W/INERT MATL(E.G. DRY SAND/EARTH) THEN PLACE IN CHEM
WASTE CNTNR FOR PROPER DISP. DO NOT FLUSH TO SEWER. AVOID RUNOFF
INTO(SUPDAT)
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:STORE IN COOL DRY PLACE AWAY FROM
HEAT, SPARKS/FLAME. USE W/ADEQ VENT. AVOID BRTHG PROD VAP/MIST. DO
NOT REUSE CNTNR. KEEP CNTNR CLSD WHEN NOT IN USE.
Other Precautions:AVOID PRLGD/RPTD CONT W/EYES, SKIN & CLTHG. DO NOT
STORE IN DIRECT SUNLIGHT. KEEP OUT OF REACH OF CHILDREN. NO SMOKING
IN AREA OF USE. DO NOT USE IN GENL VICIM OF ARC WELDING, OPEN
FLAMES/HOT SURFS. H EAT &/UV RADIA MAY CAUSE (ING 13)

Exposure Controls

Respiratory Protection:WEAR A NIOSH/MSHA POSITIVE PRESSURE AIR-SUPPLIED
RESPIRATOR IN SITUATIONS WHERE THERE MAY BE POTENTIAL FOR AIRBORNE
EXPOSURE.
Ventilation:GOOD GENL VENT SHOULD BE SUFF TO CONTROL AIRBORNE LEVELS.
LOC EXHST VENT MAY BE NEC TO CONTROL ANY AIR CONTAM TO(ING 14)
Protective Gloves:RUBBER/CHEM RESIST GLOVES.
Eye Protection:ANSI APPRVD CHEM WORKERS GOGGS.
Other Protective Equipment:EMERGENCY EYEWASH & DELUGE SHOWER MEETING
ANSI DESIGN CRITERIA.
Work Hygienic Practices:WASH HANDS BEFORE EATING.
Supplemental Safety and Health
HAZ DECOMP: ACID VAPOR. PHOSGENE. EFTS OF OVEREXP:FOR LIFE-SUSTAINING
USES IN HUMANS ACUTELY/CHRONICALLY EXPOS TO CHLOROCARBONS. FIRST
AID PROC:HEAD BELOW KNEES TO MIN CHANCE OF ASPIR MATL INTO LUNGS.
NEVER GIVE ANYTHING BY MOUTH TO AN UNCON PERS. INHAL: REMOVE TO
FRESH AIR. IF NOT BRTHG, GIVE ARTF(ING 10)

Chemical Properties

HCC:V3
Boiling Pt:B.P. Text:103F,40C
Vapor Pres:4.5 @ 68F
Vapor Density:2.8 @ 77F
Spec Gravity:1.25(H*20=1)
Evaporation Rate & Reference:>1 (BUAC=1)
Solubility in Water:5G/100CC
Appearance and Odor:CLEAR, COLORLESS LIQUID W/ETHEREAL ODOR.
Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES
DO NOT MIX W/POWDERED ALKALI & ALKALINE EARTH METALS OR STRONG
OXIDIZING AGENTS.

Stability Condition to Avoid:DO NOT SPRAY NEAR OPEN FLAME, RED HOT SURFACES OR OTHER SOURCES OF IGNITION.
Hazardous Decomposition Products:THERM DECOMP MAY RELEASE CARBON MONOXIDE & DIOXIDE & INCOMPLETELY BURNED HYDROCARBONS, AS WELL AS HYDROCHORIC (SUPDAT)

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS. WATER RUNOFF CAN CAUSE ENVIRONMENTAL DAMAGE.

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