

XL-99

MSDS Number

BFGST

National Stock Number

6850-00-585-9151

Product Name

XL-99

Manufacturer

MALTER INTERNATIONAL BULK CHEMICAL DIV

Product Identification

Product ID:XL-99
MSDS Date:10/25/1985
FSC:6850
NIIN:00-585-9151
MSDS Number: BFGST

Responsible Party

MALTER INTERNATIONAL BULK CHEMICAL DIVISION
80 FIRST STREET
GRETNA , LA 70053
US

Emergency Phone: 504-362-3232, OR 800-535-4095

Info Phone: 504-362-3232 (CO OUT OF BUSINESS)

Cage: 27978

Contractor

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GRETNA, LA 70053
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Ingredients

METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)
CAS: 71-55-6
RTECS: KJ2975000
OSHA PEL350 PPM/450 STEL
ACGIH TLV: 350 PPM/450STEL;9192
EPA Report Quantity: 1000 LBS
DOT Report Quantity: 1000 LBS

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:CHRONIC:EYES:NO CHRONIC EFFECTS
EXPECTED.SKIN:NO CHRONIC EFFECTS ARE CURRENTLY
KNOWN.INHALATION:PROLONGED EXPOSURE ABOVE THE OSHA PERMISSABLE
EXPOSURE LIMIT MAY RESULT IN LIVER AND KIDNEY DAMAGE.INGESTION:MAY
CAUSE INJURY OR DEATH.
Effects of Overexposure:EYES:ACUTE:IRRIT,REDNESS,TEARING,BLURRED
VISION.SKIN:ACUTE:PROLONGED OR REPEATED CONTACT MAY CAUSE MODERATE

IRRIT,DERMATITIS,DEFATTING.INHALATION:ACUTE:NASAL/RESPIRATORY
IRRIT,DIZZINESS,WEAKNESS,FATIG UE,NAUSEA,HEADACHE,POSSIBLE
UNCONSCIOUSNESS,EVEN ASPHYXIATION.INGESTION:GI
IRRITATION,NAUSEA,VOMITING AND DIARRHEA.
Medical Cond Aggravated by Exposure:NEVER ADMINISTER ADRENALIN
FOLLOWING A 1,1,1-TRICHLOROETHANE OVEREXPOSURE.INCREASED
SENSITIVITY OF THE HEART TO ADRENALIN MAY BE CAUSED BY OVEREXPOSURE
TO 1,1,1-TRICHLOROETHANE.

First Aid

First Aid:EYES:FLUSH W/WATER FOR AT LEAST 15 MIN,LIFTING UPPER & LOWER
LIDS.GET MEDICAL ATTN.SKIN:REMOVE CONTAM CLOTHES,ARTICLES & WASH
THOROUGHLY W/SOAP & WATER AT LEAST 15 MIN.CONTACT MD 1F IRRIT
PERSISTS.INH ALED:1MMED REMOVE TO FRESH AIR.ADMIN O*2 1F, BRTH
DIFFICULT,GIVE CPR/ARTIF RESP IF BRTH STOPS.CONTACT MD IF SYMPTOMS
OCCUR INGEST:CALL POISON CONTROL CTR IMMED.DO NOT INDUCE VOMIT W/O
MEDICAL AUTHORIT

Fire Fighting

Flash Point:NONE TCC
Lower Limits:7.5
Upper Limits:15
Extinguishing Media:USE WATER SPRAY TO COOL FIRE EXPOS CANS & FLUSH
SPILLS AWAY
Fire Fighting Procedures:SCBA W/A FULL FACEPIECE OPERATED IN POSITIVE
PRESSURE MODE
Unusual Fire/Explosion Hazard:VAP CONC IN A CONFINED/POORLY VENTIL AREA
CAN BE IGNIT UPON CNTCT W/ SPARK,FLAME OR HIGH INTENS HEAT

Accidental Release

Spill Release Procedures:SM SPILL:ABSORB LIQ ON ABSORB MATRL,TRANSFER
TO A HOOD OR OUT OF DOORS.ALLOW TO EVAP.TAKE PRECAUT AS NEC TO
PREVENT CONTAM OF GROUND/SURFACE WATER.LG SPILL:IMMED EVAC THE AREA
& PROVIDE MAX VENTIL.MOV E UNPROT PERSONNEL UPWIND.(SEE OTHER
PRECAUTIONS)

Handling

Handling and Storage Precautions:VAP ARE HEAVIER THAN AIR-WILL COLLECT
IN LOW AREAS (PITS,TANKS) & CONFINED AREAS.DO NOT ENTER THESE AREAS
W/O SCBA & AN OBSERVER FOR ASSIT IF NEC
Other Precautions:STORE IN A COOL DRY PLACE.OVEREXPOS TO
1,1,1-TRICHLOROETHANE:SUGGESTED AS CAUSE OF CARDAC/LIVER
ABNORM,KIDNEY/LUNG DAMAGE.LG SILL:WEAR PROT EQUIP,RECOVER OR
ABSORB,SWEEP UP,WET VACUUM AREA

Exposure Controls

Ventilation:LOC OR GEN EXHAUST MAY BE NEC TO KEEP CONC BELOW TLV/PEL
Protective Gloves:VITON,NEOP,PVA
Eye Protection:SPLASHPROOF SAFETY GOGGLS
Other Protective Equipment:PERSONAL PROT CLOTHES & EQUIP MUST BE IAW
29CFR1910.133 /132
Supplemental Safety and Health

Chemical Properties

HCC:T5
Boiling Pt:B.P. Text:166F/75C
Vapor Pres:100
Vapor Density:4.54
Spec Gravity:1.3100
Evaporation Rate & Reference:0.35 (ETHYL ETHER)
Solubility in Water:NEGLIGIBLE
Appearance and Odor:CLEAR,COLORLESS LIQ W/MILD CHLOROFORM ODOR
Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES
CAUSTICS,STRONG OXIDIZERS,AL POWDER,MG,NA,K.LONG TERM CNTCT

W/WATER:DEPLETES STABILIZERS-SLOW HYDROLYSIS-PROD CORR ACIDS
Hazardous Decomposition Products:HYDROGEN CHLORIDE AND VERY SMALL
AMOUNTS OF PHOSGENE AND CHLORINE.

Disposal

Waste Disposal Methods:DISPOSE OF CONTAM ABSORBANT IN PERMITTED HAZ
WASTE FACILITY.RECOVERED LIQ:REPROCESSED,TREATED OR INCIN AT
PERMITTED HAZ WASTE MANAGEMENT FAC.DISPOSAL MUST BE IAW
FEDERAL,STATE & LOCAL REGS.CARE MUST B E TAKEN TO AVOID
ENVIRONMENTAL CONTAMINATION.

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