

MALTER INTERNATIONAL BULK CHEMICAL DIVISION -- XL-99 -- 6850-00-585-9151

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Product Identification
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Product ID:XL-99

MSDS Date:10/25/1985

FSC:6850

NIIN:00-585-9151

MSDS Number: BFGST

=== Responsible Party ===

Company Name:MALTER INTERNATIONAL BULK CHEMICAL DIVISION

Address:80 FIRST STREET

Box:6099

City:GRETNA

State:LA

ZIP:70053

Country:US

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

E

mergency Phone Num:504-362-3232, OR 800-535-4095

CAGE:27978

=== Contractor Identification ===

Company Name:MALTER INTERNATIONAL BULK CHEMICAL DIVISION

Address:80 FIRST STREET

Box:City:GRETNA

State:LA

ZIP:70053

Country:US

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

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Composition/Information on Ingredients
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Ingred Name:METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)

CAS:71-55-6

RTECS #:KJ2975000

OSHA PEL:350 PPM/450 STEL

ACGIH TLV:350 PPM/450STEL;9192

EPA Rpt Q

ty:1000 LBS
DOT Rpt Qty:1000 LBS
Ozone Depleting Chemical:1

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

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:A
CUTE: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 Measures =====

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 Measures =====

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

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

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 and Storage =====

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/Personal Protection =====

Ventilation:LOC OR GEN EXHAUST MAY BE NEC TO KEEP CONC BELOW TLV/PEL

Protective Gloves:VITON,NEO

P,PVA

Eye Protection:SPLASHPROOF SAFETY GOGGLS

Other Protective Equipment:PERSONAL PROT CLOTHES & EQUIP MUST BE IAW 29CFR1910.133 /132

Supplemental Safety and Health

===== Physical/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 V

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

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 Considerations =====

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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