

MALTER INTERNATIONAL BULK CHEMICAL DIVISION -- MIL-C-83360,TYPE II -- 6850-00-003-1194
===== Product Identification =====

Product ID:MIL-C-83360,TYPE II

MSDS Date:03/01/1989

FSC:6850

NIIN:00-003-1194

MSDS Number: BQDGM

=== Responsible Party ===

Company Name:MALTER INTERNATIONAL BULK CHEMICAL DIVISION

Address:80 FIRST STREET

City:GRETNA

State:LA

ZIP:70053

Country:US

Info Phone Num:504-362-3232

Eme

Agency Phone Num:504-362-3232

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

CAGE:27978

===== Composition/Information on Ingredients =====

Ingred Name:DICHLORODIFLUOROMETHANE (SARA III)

CAS:75-71-8

RTECS #:PA8200000

Fraction by Wt: 39.0%

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9293

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000

LBS
Ozone Depleting Chemical:1

Ingred Name:1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113) (SARA III)
CAS:76-13-1
RTECS #:KJ4000000
Fraction by Wt: 69.0%
OSHA PEL:1000PPM/1250STEL
ACGIH TLV:1000PPM/1250STEL9293
Ozone Depleting Chemical:1

Ingred Name:SILICONE SF96 500 C/S
Fraction by Wt: 1.0%

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards A
cute and Chronic:ACUTE:IRRITATION OF
EYES,SKIN,RESPIRATORY AND G.I.TRACT;CNS EFFECTS LIKE
HEADACHE,DIZZINESS,NAUSEA,VOMITING POSSIBLE; MSDS DATA SHOWS
EXCITMENT,UNCOORDINATION,TREMORS IN RAT;CHRONIC:NO DATA AVAILABLE.
Explanation of Carcinogenicity:DATA PER MGF MSDS.
Effects of Overexposure:SEE HEALTH HAZARDS DATA
Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS
OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR
RESPIRATORY TRACT MAY BE AT INCRE
ASED RISK FROM EXPOSURE.

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

First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING.
GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER
FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN:
REMOV E CONTAMINATED CLOTHING. WASH WITH SOAPAND WATER. IF
IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE
VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMM
EDIATE
MEDICAL ATTENTION.

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

Flash Point:NONE
Extinguishing Media:USE SUITABLE MEDIA FOR SURROUNDING FIRES.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:CONTENTS UNDER PRESSURE MAY BURST,TOXIC
VAPORS POSSIBLE.

===== Accidental Rel

ease Measures =====

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;VENTILATE THE AREA,ALLOW TO EVAPORATE.

Neutralizing Agent:NOT SPECIFIED BY THE MGF

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

Handling and Storage Precautions:DO NOT STORE ABOVE 110F;STORE IN A COOL, DRY, WELL VENTILATED AREA. CONTENTS UNDER PRESSURE;PROTECT CONTAINERS FROM PHYSICA DAMAGE.

Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLON

GED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS/MIST IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA

Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV (> 60 CFM VELOCITY) LOCAL EXHAUST IS REQUIRED IN CASE OF AN ENCLOSED AREA.

Protective Gloves:AS REQUIRED.

Eye Protection

:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER;WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

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

HCC:V2

Boiling Pt:B.P. Text:118F,48C

Vapor Pres:25MMHG

Vapor Density:1.0

Spec Gravity:1.5

Evaporation Rate

& Reference:0.63(ETHER=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:COLORLESS LIQUID IN AEROSOL,MILD ODOR

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

Stability Indicator/Materials to Avoid:YES

NONE NOTED BY MGF.

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products:HALOGENS AND CARBONYL HALIDES

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

Waste Disposal Methods:CONSULT LOCAL AUTHORITIES ;DISPOSAL MUST BE IN

ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS.DO NOT PUNCTURE

OR INCINERATE CONTAINERS,CRUSH OR BURY CONTAINERS.

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