

MALTER INTERNATIONAL BULK CHEMICAL DIV. -- DE-ICER-DEFROSTER FLUID -- 6850-00-835-0484

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Product Identification  
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Product ID:DE-ICER-DEFROSTER FLUID

MSDS Date:01/01/1987

FSC:6850

NIIN:00-835-0484

MSDS Number: BFRTP

=== Responsible Party ===

Company Name:MALTER INTERNATIONAL BULK CHEMICAL DIV.

Address:80 FIRST STREET

City:GRETNA

State:LA

ZIP:70053

Info Phone Num:(504) 362-3232

Emergency Ph

one Num:(504) 362-3232

CAGE:DO442

=== Contractor Identification ===

Company Name:BULK CHEMICALS

Box:City:GRETNA

State:LA

ZIP:70053

Country:US

CAGE:9M531

Company Name:BULKLEY DUNTON AND CO INC

Address:295 MADISON AVE

Box:City:NEW YORK

State:NY

ZIP:10017-6304

Country:US

Phone:212-949-9800

CAGE:85535

Company Name:MALTER INTERNATIONAL, BULK CHEM DIVISION

Address:80 FIRST STREET

Box:6099

City:GRETNA

State:LA

ZIP:70053

Phone:504-362-3232

CAGE:DO442

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Composition/Information on Ingredient

S =====

Ingred Name:2-METHOXYETHANOL (EGME) (SARA III)

CAS:109-86-4

RTECS #:KL5775000

Fraction by Wt: 100%

Other REC Limits:16 PPM

OSHA PEL:S, 25 PPM

ACGIH TLV:S, 5 PPM; 9192

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

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

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

Health Hazards Acute and Chronic:INGESTION/INGESTION: HEADACHE,  
DIZZINESS, DROWSINESS, FATIGUE, NAUSEA, VOMITING, TREMOR,  
DIFF

ICULTY W/SPEECH, CONFUSION, UNCONSCIOUSNESS, DAMAGE OF KIDNEY,  
LOSS OF COORDINATION, & LOSS OF APPETITE. SK IN: SLIGHT IRRITATION.  
EYES: IRRITATION.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION/INGESTION: MAY CAUSE INJURY TO BONE  
MARROW & BLOOD CELLS, KIDNEY, LIVER, TESTES, HEADACHE, DIZZINESS,  
DROWSINESS, FATIGUE, NAUSEA, VOMITING, TREMOR, DIFFICULTY W/SPEECH,  
CONFUSION, UNCONSCIOUSNESS, DAMAGE OF THE KIDNEY, & LOSS OF  
COORDINATION & APPETITE.

SKIN/EYES: SLIGHT IRRITATION.

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

First Aid:INGESTION: GIVE 2 GLASSES OF WATER, INDUCE VOMITING, CALL  
PHYSICIAN. SKIN: REMOVE CONTAMINATED CLOTHING & FLUSH W/ WATER.  
INHALATION; REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE  
OXYGEN. CALL PHYSICIAN. EYES: FLUSH W/WATER & CONTINUE FOR AT  
LEAST 15 MINUTES. CALL PHYSICIAN.

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

Flash Point Method

:TCC

Flash Point:103F

Lower Limits:2.5%

Upper Limits:19.8%

Extinguishing Media:WATER SPRAY,M CO2, DRY CHEMICAL, ALCOHOL-TYPE/  
UNIVERSAL-TYPE FORMS

Fire Fighting Procedures:USE SUPPLIED BREATHING AIR & PROTECTIVE  
CLOTHING.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:FLUSH DOWN DRAIN WITH WATER. VENTILATE AREA  
UNTIL SPILL IS CLEANED UP.

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

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Handling and Storage Precautions:HARMFUL OR FATAL IF SWALLOWED.  
COMBUSTIBLE MIXTURE. AVOID HEAT AND OPEN FLAME. KEEP OUT OF REA OF CHILDREN.

Other Precautions:WARNING: FLAMMABLE

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

Respiratory Protection:NOT REQUIRED IN WELL VENTILATED AREAS.

Ventilation:MECHANICAL

Protective Gloves:RUBBER

Eye Protection:GOGGLES

Other Protective Equipment:NONE

Supplemental Safety and Health

FOR WOMEN OF CHILDBEARING POTENTIAL: PERSON

AL EXPOSURE LIMIT 2 PPM.

SHORT-TERM EXPOSURE LIMIT W/5 PPM. NO MORE THAN FOUR TIMES DAILY W/MINIMUM SEPARATION OF ONE HOUR. BIRTH DEFECTS/ INCREASED FETAL LET HALITH/DELAYED FETAL DEVELOPMENT HAVE BEEN OBSERVED IN OFFSPRING OF FEMALE ANIMALS EXPOSED TO CONCENTRATIONS IN >50 PPM.

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

Boiling Pt:B.P. Text:256.1F

Vapor Pres:6.17

Vapor Density:2.62

Spec Gravity:0.9663

Evaporation Rate & Reference:(BU AC = 1): 0.62

Solubility in Water:100%

Appearance and Odor:WATER WHITE LIQUID, MILD & CHARACTERISTIC ODOR

Percent Volatiles by Volume:100%

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

Stability Indicator/Materials to Avoid:YES

NONE IN NORMAL USE

Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS.

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