

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 Pho

ne 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 Ingredients

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Ingrid 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

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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,
DIFFI
CULTY 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. S
KIN/EYES: SLIGHT IRRITATION.

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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.

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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

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Accidental Release Measures =====

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

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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

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===== 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: PERSONA

L 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.

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===== 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

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solubility in Water:100%

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

Percent Volatiles by Volume:100%

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

Stability Indicator/Materials to Avoid:YES

NONE IN NORMAL USE

Hazardous Decomposition Products:NONE

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

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

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rovided with this information by the compiling agencies):

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