

MET-L-CHEK CO -- E-58D EMULSIFIER -- 6850-01-263-8230

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===== Product Identification =====

Product ID:E-58D EMULSIFIER  
MSDS Date:06/08/1989  
FSC:6850  
NIIN:01-263-8230  
Kit Part:Y  
MSDS Number: BGTCC  
=== Responsible Party ===  
Company Name:MET-L-CHEK CO  
Address:1639 EUCLID ST  
City:SANTA MONICA  
State:CA  
ZIP:90404-3770  
Country:US  
Info Phone Num:310-450-1111  
Emergency Phone Num:310-450-1111,800-424-9300(CHE  
MTREC)  
CAGE:IO387  
=== Contractor Identification ===  
Company Name:MET-L-CHEK CO  
Address:1639 EUCLID ST  
City:SANTA MONICA  
State:CA  
ZIP:90404  
Country:US  
Phone:310-450-1111  
CAGE:IO387  
Company Name:MET-L-CHEK COMPANY  
Address:1639 EUCLID ST  
Box:00000  
City:SANTA MONICA  
State:CA  
ZIP:90404  
Country:US  
Phone:310-450-1111/FAX 310452-4046  
CAGE:98733

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

Ingred Name:ETHYLENE GLYCOL (SARA III)  
CAS:107-21-1  
RTECS #:KW2975000  
Fraction by Wt: 50.0

%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:C 50 PPM  
ACGIH TLV:C 50 PPM,VAPOR; 9394  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS UNKNOWN.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES: IRRITATION. SKIN: IRRITATION.  
INHALATION: DRUNKENNESS, NARCOSIS, CENTRAL NERVOUS SYSTEM  
DEPRESSION. INGESTION  
: SINGLE ORAL DOSE MAY RESULT IN MODERATE  
TOXICITY.  
Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION. INHALATION:  
DRUNKENNESS, NARCOSIS, CENTRAL NERVOUS SYSTEM DEPRESSION. INGESTION:  
SINGLE ORAL DOSE IS MODERATELY TOXIC.  
Medical Cond Aggravated by Exposure:PERSON WITH PRE-EXISTING SKIN OR  
EYE DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE TO THIS  
PRODUCT.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS  
OF WATER. GET MEDICAL  
ATTENTION IF IRRITATION OCCURS OR PERSISTS. SKIN: FLUSH WITH LARGE  
AMOUNTS OF WATER. IF ADVERSE SYMPTOMS DEVELOP, GET MEDICAL  
ATTENTION. INHALATION : MOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING  
DIFFICULT. GET MEDICAL ATTENTION IF NEEDED. INGESTION: INDUCE  
VOMITING. GET MEDICAL ATTENTION.

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

Flash Point Method:PMCC  
Flash Point:232F,111C  
Lower Limits:3.2  
Extinguishing Media:WATER FOG, ALC

OHOL FOAM, CARBON DIOXIDE, DRY  
CHEMICAL.

Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:FLUSH WITH WATER. SOAK UP WITH ABSORBENT  
MATERIAL. PLACE WASTE IN SEALED CONTAINERS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precaution

s:KEEP IN SEALED CONTAINERS. AVOID SKIN  
AND EYE CONTACT.

Other Precautions:AVOID CONTACT OR EXPOSURE OF PRODUCT TO OXIDIZING  
MATERIALS.

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

Respiratory Protection:NOT NEEDED IN NORMAL CONDITIONS OF USE. USE  
APPROVED ORGANIC TYPE RESPIRATOR IN ABSENCE OF PROPER ENVIRONMENTAL  
CONTROL.

Ventilation:PROVIDE SUFFICIENT LOCAL EXHAUST AND/OR MECHANICAL  
(GENERAL) VENTILATION TO MAINTAIN EXPOSURE BELOW RECOMMENDED TLV'S.

Protective Gloves:CHEMICAL RESISTANT.

Eye Protection:SAFETY GLASSES OR SPLASH-PROOF GOGGLES.

Other Protective Equipment:CHEMICAL RESISTANT APRON TO PREVENT CLOTHING  
AND SKIN CONTACT.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING,  
DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

KEY1: N1, THIS ENTRY IS FOR P/N IND C, EMULSIFIER, FOR A TWO PART KIT.  
SEE THIS SAME NSN, P/N IND A, PENETRANT, FOR SECOND PART OF KIT  
DATA.

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

HCC:N1

Boiling Pt:B.P. Text:380F,193C

Vapor Pres:0.12 MM

Vapor Density:VERY LOW

Spec Gravity:ABOUT 1.2

Solubility in Water:COMPLETE

Appearance and Odor:LIGHT REDDISH PINK LIQUID. PRACTICALLY ODORLESS.

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIAL.

Stability Condition to Avoid:WILL IGNITE IN AIR AT ABOUT 775F.

Hazardous Decomposition Product

s:CARBON MONOXIDE

Conditions to Avoid Polymerization:WILL NOT OCCUR. AVOID EXPOSURE TO OXIDANTS.

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

Waste Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. IF PERMITTED, THE WASTE CAN BE INCINERATED.

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