

MET-L-CHEK COMPANY -- E-58A EMULSIFIER (SEE SUPP DATA) -- 6850-01-263-8231

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Product Identification  
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Product ID:E-58A EMULSIFIER (SEE SUPP DATA)

MSDS Date:10/31/1986

FSC:6850

NIIN:01-263-8231

Kit Part:Y

MSDS Number: BGTMZ

=== Responsible Party ===

Company Name:MET-L-CHEK COMPANY

Address:1639 EUCLID STREET

City:SANTA MONICA

State:CA

ZIP:90404-3770

Country:US

Info Phone Num:213-450-1111

Eme

rgency Phone Num:213-450-1111

CAGE:98733

=== Contractor Identification ===

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  
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Ingred Name:ETHYLENE GLYCOL (SARA III)

CAS:107-21-1

RTECS #:KW2975000

Fraction by Wt: 50.0%

OSHA PEL:C 50 PPM

ACGIH TLV:C 50 PPM,VAPOR; 9192

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

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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:MAY CAUSE SLIGHT SKIN  
IRRITATION;VAPORS OR OIL MIST MAY CAUSE MILD IRRITATION OF UPPER  
RESPIRATORY TRACT.  
Effects of Overexposure:EYES:PRESUMED NON-IRRITATING;SKIN:SLIGHT  
IRRITATION ON LIQUID CONTACT;INHALATION:VAPORS OR OIL MIST MAY  
CAUSE MILD IRRITATION OF UPPER RESPIRATORY TRACT;INGEST  
ION:MAY  
RESULT IN VOMITING.  
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN AND RESPIRATORY  
DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYES:FLUSH WITH WATER.GET MEDICAL HELP IF IRRITATION OCCURS  
OR PERSISTS; SKIN:FLUSH WITH WATER.WASH WITH WATER & SOAP.GET MED  
ATTN FOR PERSISTING IRRITATION; INHALATION:REMOVE TO FRESH  
AIR.PROVIDE OXY GEN IF BREATHING IS DIFFICULT.GET MED ATTN  
IF  
NEEDED;INGESTION:INDUCE VOMITING.GET MEDICAL ATTENTION.

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

Flash Point Method:PMCC  
Flash Point:232F/111.1C  
Lower Limits:3.2  
Extinguishing Media:WATER FOG,DRY CHEMICAL,CARBON DIOXIDE OR FOAM;DO  
NOT USE DIRECT STREAM OF WATER.  
Fire Fighting Procedures:IN CONFINED AREA,DO NOT ENTER WITHOUT A FULL  
BUNKER GEAR INCLUDING A POSITIVE PRESSURE NIOSH APPROVED  
SELF-CONTAINED BREATHING APPARATUS.  
Unusual Fire/Explosion Ha  
zard:CONTAINERS MAY BURST/RUPTURE IN INTENSE  
OF HEAT.PER MFR,WILL IGNITE IN AIR AT ABOUT 775F.

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

Spill Release Procedures:ELIM IGNITION SOURCES.WEAR APPROPRIATE  
PROTECTIVE CLOTHING & RESPIRATOR.DIKE & TRANSFER LIQ TO A SALVAGE  
TANK.SOAK UP RESIDUE WITH ABSORBENT CLAY,SAND OR OTHR MATL.PLACE  
RAGS & ABSORBED WASTE MATERL I N COVERED NON-LEAKING CONTAINERS.

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

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Handling and Storage Precautions:KEEP AWAY FROM HEAT/IGNITION SOURCES.STORE IN DRY,COOL,& VENTILATED LOCATION.DO NOT STORE NEAR OXIDIZING MATERIAL. AVOID PHYSICAL DAMAGE TO CANS.  
Other Precautions:MINIMIZE SKIN CONTACT.

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

Respiratory Protection:NOT NEEDED IN NORMAL CONDITIONS OR USES.USE AN ORGANIC VAPOR CHEMICAL CARTRIDGE OR CANISTER WHEN TLV IS EXCEEDED.  
Ventilation:LOCAL EXHAUST OR MECHENICAL(GENERAL) A S REQUIRED TO MAINTAIN TLV OR BELOW TLV.  
Protective Gloves:CHEMICAL RESISTANT.  
Eye Protection:SPLASHPROOF GOGGLES/SAFETY GLASSES.  
Other Protective Equipment:APRONS TO PREVENT CLOTHING/SKIN CONTACT.  
Work Hygienic Practices:WASH HANDS WITH SOAP AND WATER BEFORE EATING,SMOKING OR USING TOILET FACILITIES;DONT EAT/DRINK IN VAPOR CONTAMNTD AREA.  
Supplemental Safety and Health  
NSN FOR A 2 PART KIT OF TYPE I,METHOD D,LVL 3 OF MIL-I-25135D;PER QPL-25135-15, THE SET MAY CONSIST OF FP-95A(M ) PENETRANT AND E-58A OR E-58D EMULSIFIER.THE MFR MAY SUPPLY EITHER E-58A OR E-58D EMULSIFER WITH FP-95A(M) PENETRANT UNDER THIS NSN;KEY1:N1; THIS DATA ENTRY DESCRIBES: E-58A EMULSIFIER;SEE PNI-A FOR PENETRAN

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

HCC:N1  
Boiling Pt:B.P. Text:380F(193.3C  
Spec Gravity:ABOUT 1.2  
Solubility in Water:COMPLETE  
Appearance and Odor:LIGHT REDDISH PINK LIQUID.PRACTICALLY ODORLESS.  
Corrosion Rate:N//K

===== Stabil  
ity and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
OXIDIZING MATERIAL.  
Stability Condition to Avoid:SOURCE OF HEAT/IGNITION.  
Hazardous Decomposition Products:CARBON MONOXIDE,CARBON DIOXIDE.

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

Waste Disposal Methods:DISOSE OF AS EPA HAZARDOUS WASTE #D001,IGNITABLE WASTE.PLACE WASTE MATERIAL IN AN APPROPRIATE DISPOSAL FACILITY, OR DISPOSE OF IN COMPLIANCE WITH FEDERAL,STATE & LOCAL REGUL

ATIONS.

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