

MET-L-CHEK COMPANY -- E-57 EMULSIFIER -- 6850-00-782-2737

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

Product ID:E-57 EMULSIFIER
MSDS Date:03/15/1989
FSC:6850
NIIN:00-782-2737
MSDS Number: BFPNJ
=== Responsible Party ===
Company Name:MET-L-CHEK COMPANY
Address:1639 EUCLID STREET
City:SANTA MONICA
State:CA
ZIP:90404-3723
Country:US
Info Phone Num:213-450-1111
Emergency Phone Num:213-450-1111
CAGE:98733

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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

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

Ingred Name:PETROLEUM DISTILLATES,SOLVENT-REFINED HEAVY NAPHTHENIC; ON
THE MSDS,MFR SIMPLY NOTED"PETROLEUM HYDROCARBON#64741-96-4
CAS:64741-96-4
RTECS #:PY8040000
OSHA PEL:5 MG/CUM
ACGIH TLV:5 MG/CUM

===== Hazards Iden

tification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Effects of Overexposure:EYES: LIQUID CONTACT MAY CAUSE IRRITATION.
SKIN: CAUSES SLIGHT IRRITATION. INHALATION: VAPOR OR OIL MIST MAY
CAUSE MILD IRRITATION OF UPPER RESPIRATORY TRACT. INGESTION: MAY
RESULT IN VOMITING. ASPIRATION MUST BE AVOIDED.
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN AND RESPIRATORY
DISORDERS MAY BE AGGRA
VATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYES:FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES. GET
MEDICAL HELP IF IRRITATION PERSISTS. SKIN:FLUSH WITH WATER. WASH
WITH SOAP AND WATER. INHALATION:REMOVE TO FRESH AIR, PROVIDE OXYGEN
IF BREATHING IS DIFFICULT. INGESTION:DO NOT INDUCE VOMITING. GET
MEDICAL ASSISTANCE FOR ANY OF HEALTH PROBLEMS.

===== Fire Fighting Measures =====
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Flash Point Method:COC
Flash Point:200F,93C
Extinguishing Media:WATER FOG,DRY CHEMICAL,CARBON DIOXIDE OR FOAM; DO
NOT USE DIRECT STREAM OF WATER ON THE FIRE.
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 Hazard:CONTAINERS MAY BURST AND/OR RUPTURE IN
INTENSE HEAT OF FIRE. PER MANUFACTURER,PRODUCT MAY IGNITE IN AIR
WHEN EXPOSED TO F
LAME OR PREHEATED.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES.WEAR APPROPRIATE
PROTECTIVE CLOTHING AND RESPIRATORS.SOAK UP WITH ABSORBENT.PLACE
WASTE IN SEALED CONTAINERS.FLUSH WITH WATER.LARGE SPILL:DIKE LIQUID
& PUMP INTO SALVAGE TAN K.ABSORB RESIDUE WITH COMM ABSORBENT & PUT
IN DRUM

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

Handling and Storage Precautions:KEEP AWAY FROM

SOURCES OF

HEAT/IGNITION.STORE IN COOL, DRY & VENTILATED AREA.DO NOT STORE NEAR OXIDIZING MATERIAL;AVOID PHYSICAL DAMAGE TO CONTAINERS.

Other Precautions:MINIMIZE SKIN CONTACT.AVOID BREATHING VAPORS.

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

Respiratory Protection:NOT NEEDED IN NORMAL CONDITIONS OR WHEN VAPORS/MIST CONCENTRATIONS ARE BELOW TLV/PEL LIMITS. WEAR NIOSH APPROVED ORGANIC TYPE RESPIRATOR IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL.

Ventilation:LOCAL EXHAUST OR MECHANICAL(GENERAL) TO MAINTAIN TLV OR BELOW TLV LIMITS.

Protective Gloves:CHEMICAL RESISTANT

Eye Protection:SAFETY GLASSES OR SPLASH-PROOF GOGGLES

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

Work Hygienic Practices:WASH HANDS WITH SOAP & WATER BEFORE EATING,SMOKING OR USING TOILET FACILITIES;DO NOT EAT/DRINK IN VAPOR CONTAMINATED AREA.

Supplemental Safety and Health

PER QPL-25135-15,FP-95A(M) PENETRANT,AND E-57 EMULSIFIER ARE QUALIFIED

ITEMS FOR AN NSN OF A KIT OR A SINGLE PRODUCT UNDER TYPE I,METHOD B,LEVEL 3 OF MIL-I-25135D.THIS ENTRY DESCRIBES E-57 EMULSIFIER UNDER THIS NSN WHICH IS SINGLE PRODUCT NSN OF TYPE I,METHOD B,LEVEL 3.THE FP-95A(M) IS COVERED UNDER SEPARATE NSN.

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

HCC:N1

Boiling Pt:B.P. Text:>400F,>204C

Spec Gravity:ABOUT 0.86

Solubility in Water:NEGLIGIBLE

Appearance and Odor:PINK OILY LIQUID. SLIGHT HYDROCARBON ODOR

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIAL

Stability Condition to Avoid:SOURCE OF HEAT/IGNITION. AVOID EXPOSURE TO OXIDANTS.

Hazardous Decomposition Products:COMBUSTION CAN PRODUCE OXIDES OF CARBON AND UNIDENTIFIED ORGANIC COMPOUNDS.

Conditions to Avoid Polymerization:HEAT, OPEN FLAMES AND OXIDIZING MATERIALS.

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

Waste Disposal

osal Methods:PER MANUFACTURER, PLACE IN APPROPRIATE DISPOSAL FACILITY IN FULL COMPLIANCE WITH ALL FEDERAL STATE & LOCAL REGULATIONS.

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