

MET-L-CHEK COMPANY -- E-57 EMULSIFIER -- 6850-01-268-8788

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

Product ID:E-57 EMULSIFIER  
MSDS Date:01/01/1997  
FSC:6850  
NIIN:01-268-8788  
Kit Part:Y  
MSDS Number: BGTLJ  
=== Responsible Party ===  
Company Name:MET-L-CHEK COMPANY  
Address:1639 EUCLID STREET  
City:SANTA MONICA  
State:CA  
ZIP:90404  
Country:US  
Info Phone Num:310-450-1111  
Emergency Phone Num:310-450-1111/800-424-9  
300(CHEMTREC)  
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

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

Ingred Name:PETROLEUM HYDROCARBON/MINERAL OIL, PETROLEUM DISTILLATE,  
SOLVENT REFINED (SEVERE), HEAVY NAPHTHENIC  
CAS:64741-96-4  
RTECS #:PY8040001  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

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

Health Hazards Acute and Chronic:TARGET ORGANS: EYE, SKIN, RESPIRATORY  
& GI TRACTS. ACUTE- EYE CONTACT IS NON-IRRITATING. MAY CAUSE SLIGHT  
SKIN IRRITATION. VAPORS OR OIL MISTS MAY CAUSE RESPIRATORY TRACT  
IRRITATION. INGESTION MAY  
RESULT IN VOMITING. ASPIRATION HAZARD.  
CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, NAUSEA, VOMITING

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN AND RESPIRATORY  
DISORDERS MAY BE AGGAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED: MOVE TO FRESH  
AIR. PROVIDE OXYGEN IF NEEDED. EYES: FLUSH WITH WATER FOR 15  
MINUTES

, HOLDING EYELIDS OPEN. SKIN: FLUSH WITH WATER & WASH SKIN  
WITH SOAP & WATER. ORAL: DO NOT INDUCE VOMITING. SEEK MEDICAL  
ATTENTION. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT  
ASPIRATION.

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

Flash Point Method:PMCC

Flash Point:>200F,>93C

Extinguishing Media:WATER FOG, DRY CHEMICAL/CARBON DIOXIDE. DON'T USE  
DIRECT STREAM OF WATER. PRODUCT WILL FLOAT AND CAN BE REIGNITED.

Fire Fighting Procedures:IN CONFIN

ED AREA, DO NOT ENTER WITHOUT A FULL

BUNKER GEAR INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SELF-  
CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. VENTILATE AREA.

STOP LEAK IF POSSIBLE. USE PUMP TO TRANSFER LARGE SPILLS TO  
CONTAINER. REMAINING LIQUID/SMALL SPILLS CAN BE TAKEN UP ON SAND,  
CLAY, EARTH & SHOVELD INTO CONTAINERS. PREVENT RU

N-OFF TO ENTER  
WATERWAYS, SEWERS  
Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT, IGNITION SOURCES.  
STORE IN COOL & VENTILATED LOCATION. DO NOT STORE NEAR OXIDIZING  
MATERIAL. AVOID PHYSICAL DAMAGE.  
Other Precautions:AVOID BREATHING MISTS. DO NOT GET IN EYES, ON SKIN OR  
ON CLOTHING. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR  
DRINKING. REMOVE CONTAMINATED CLOTHING  
PROMPTLY. LAUNDER BEFORE  
REUSE. KEEP OUT O F REACH OF CHILDREN.

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

Respiratory Protection:NONE NORMALLY NEEDED. IF WORKING IN CONFINED  
AREAS, IF EXCESSIVE MISTING IS EXPECTED OR IF EXPOSURE MAY OR DOES  
EXCEED RECOMMENDED PERMISSIBLE EXPOSURE LIMITS, WEAR NIOSH-APPROVED  
ORGANIC VAPOR AND MI ST RESPIRATOR (REFER TO 29 CFR 1910.134)  
Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV  
REQUIREMENTS.

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rotective Gloves:NITRILE RECOMMENDED  
Eye Protection:GOGGLES RECOMMENDED  
Other Protective Equipment:EYE WASH FOUNTAINS, SAFETY SHOWER AND  
CLOTHING TO MINIMIZE SKIN CONTACT  
Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES.  
Supplemental Safety and Health  
KEY1:V6. THIS PRODUCT IS A KIT CONSISTING OF PENETRANT AND EMULSIFIER.  
FOR PENETRANT, SEE PNI A, SAME NSN.

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

HCC:V6  
NRC/Sta  
te Lic Num:NOT RELEVANT  
Boiling Pt:B.P. Text:400F,204C  
Spec Gravity:ABOUT 0.92  
Solubility in Water:EMULSIFY  
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:HEAT, IGNITION SOURCES.  
Hazardous Decomposition Products:CARBON MONOXIDE AND OTHER UNIDENTIFIED  
ORGANIC COMPOUNDS.

===== Disposal Considerations =

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Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND  
FEDERAL REGULATIONS. INCINERATION RECOMMENDED.

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