

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:310-450-1111/800-424-9300(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 MIS

T
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
MINUTE
S, 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 CONFI
NED 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 R

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

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Handling and Storage
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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 CLOTHIN
G PROMPTLY. LAUNDER BEFORE
REUSE. KEEP OUT O F REACH OF CHILDREN.

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Exposure Controls/Personal Protection
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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.

Protective 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.

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Physical/Chemical Properties
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HCC:V6

NRC/St

ate 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

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Stability and Reactivity Data
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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.

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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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