

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. LAUNDRER BEFORE
REUSE. KEEP OUT OF 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 MIST RESPIRATOR (REFER TO 29 CFR 1910.134)

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV
REQUIREMENTS.

P

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.

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

HCC:V6

NRC/State

State 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
=====

=====

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

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should

seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.