

MET-L-CHEK COMPANY -- FP-97A(M) PENETRANT -- 6850-01-263-8224

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Product Identification  
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Product ID:FP-97A(M) PENETRANT

MSDS Date:06/13/1996

FSC:6850

NIIN:01-263-8224

Kit Part:Y

MSDS Number: BGWKM

=== Responsible Party ===

Company Name:MET-L-CHEK COMPANY

Address:1639 EUCLID ST

City:SANTA MONICA

State:CA

ZIP:90404-3770

Country:US

Info Phone Num:310-450-1111

Emergency Phone Num: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

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Composition/Information on Ingredients  
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Ingred Name:PETROLEUM HYDROCARBON, SEVERELY HYDROTREATED MIDDLE  
DISTILLATE.

CAS:64742-46-7

RTECS #:JN9379645

Other REC Limits:NONE RECOMMENDED

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Hazards Identification  
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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:EYES, SKIN, RESPIRATORY TRACT. ACUTE- EYES:PRESUMED NON-IRRITATING. SKIN:SLIGHTLY IRRITATING. INHALATION:VAPORS OR MIST MAY CAUSE MILD IRRITATION OF UPPER RESPIRATORY TRACT. ORAL:MAY CAUSE VOMITING. ASPIRATION HAZARD. CHRONIC-UNKNOWN.

Explanation of Carcinogenicity:NONE

Effects

of Overexposure:IRRITATION, NAUSEA, VOMITING

Medical Conditions Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN

DISORDERS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:DO

NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point Method:COC

Flash Point:210F,99C

Autoignition Temp:Autoignition Temp Text:NP

Lower Limits:NA

Upper Limits:NA

Extinguishing Media:USE WATER FOG, FOAM, DRY CHEMICAL, CO2. DO NOT USE DIRECT STREAM OF WATER.

Fire Fighting Procedures:MATERIAL WILL NOT BURN UNLESS PREHEATED.DO NOT ENTER CONFINED FIRE-SPACE WITHOUT FULL BUNKER GEAR INCLUDING POSITIVE PRESSURE

APPROVED SCBA.

Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. VENTILATE AREA. CONTAIN AND PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH, VERMICULITE. PREVENT LIQUID FROM ENTERING SEWERS OR WATERWAYS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL PLACE AWAY FROM

AY FROM FLAMES

AND OXIDIZING MATERIALS.

Other Precautions:WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING, SMOKING. KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF TLV IS EXCEEDED OR FOR SYMPTOMS OF OVER EXPOSURE, WEAR NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR OR AIR-PURIFYING RESPIRATOR. IN EMERGENCY, WEAR A NIOSH-APPROVED POSITIVE-PRES SURE SELF-CONTAINED BREATHING APPARATUS.

Ventilation:LOCAL EXHAUST IS RECOMMENDED FOR CONFINED AREAS. GENERAL MECHANICAL VENTILATION IS ADEQUATE FOR NORMAL USE.

Protective Gloves:RUBBER TO PREVENT CONTACT

Eye Protection:SAFETY GLASSES WITH SIDE SHIELD

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, PROTECTIVE CLOTHING

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

NSN FOR TWO PART KIT OF MIL-I-2

5135E,TYPE I,METHOD B,LEVEL 4; IN

ACCORDANCE WITH QPL-25135-15, THE KIT CONTAINS 1-5 GAL FP-97A(M) PENETRANT, AND 2-5 GAL E-57 EMULSIFIER.KEY1:N1. THIS ENTRY DESCRIBES F P-97A(M) PENETRANT. SEE PNIND B OF THISNSN FOR EMULSIFIER DATA.

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

HCC:N1

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

Melt/Freeze Pt:M.P/F.P Text:-75F,-59C

Decomp Temp:Decomp Text:NP

Vapor Pres:NA

Vapor Density:NA

Spec Gravity:0.86

pH:NP

Viscosity:NP

Evapor

ation Rate & Reference:NA

Solubility in Water:INSOLUBLE.

Appearance and Odor:YELLOW-GREEN LIQUID, SLIGHT HYDROCARBON ODOR.

Percent Volatiles by Volume:NP

Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIALS.

Stability Condition to Avoid:HEAT, OPEN FLAMES, OXIDIZING MATERIALS.

Hazardous Decomposition Products:MAY FORM CARBON MONOXIDE, CARBON  
DIOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS.

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

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

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