

MET-L-CHEK COMPANY -- FP-97 A (M) PENETRANT -- 6850-01-263-8222

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

Product ID:FP-97 A (M) PENETRANT

MSDS Date:01/01/1995

FSC:6850

NIIN:01-263-8222

Kit Part:Y

MSDS Number: BGWKK

=== Responsible Party ===

Company Name:MET-L-CHEK COMPANY

Address:1639 EUCLID ST

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:HYDROTREATED MIDDLE PETROLEUM DISTILLATE/PETROLEUM  
HYDROCARBON

CAS:64742-46-7

RTECS #:JN9379645

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MI

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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 Cond 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  
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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  
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Flash Point Method:COC

Flash Point:210F,99C

Extinguishing Media:WATER FOG, CARBON DIOXIDE, SAND, FOAM/DRY CHEMICAL. DO NOT USE DIRECT STREAM OF WATER.

Fire Fighting Procedures:DO NOT ENTER ANY ENCLOSED OR CONFINED AREA WITHOUT PROPER PROTECTIVE EQUIPMENT AND NIOSH-APPROVED SELF-CONTAINED BREATHING

APPARATUS.

Unusual Fire/Explosion Hazard:NONE

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Accidental Release Measures  
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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  
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Handling and Storage Precautions:STORE IN COOL PLACE AWAY

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 S  
ELF-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 KIT OF OF TYPE 1, METHOD

B, LEVEL 3 OF MIL-I-25135.PER

QPL-25135-15, FP-95A(M) PENETRANT AND E-57 EMULSIFIER ARE THE TWO  
PARTS OF THE SET. THIS ENTRY DESCRIBES FP-95A(M) PENETRANT. SEE  
PNIND B FOR THE EMULSIFIER DATA. KEY1:N1

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

HCC:N1

NRC/State Lic Num:NOT RELEVANT

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

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

Spec Gravity:0.86 (ABOUT)

Solubility in Water:INSOLUBLE

Appearance and Odor:YELLOW-GREENB LIQUID, SLIGHT H  
YDROCARBON ODOR

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS

Stability Condition to Avoid:OPEN FLAME, HEAT

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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th this information by the compiling agencies):

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