

MET-L-CHEK COMPANY -- FP-97A(M) PENETRANT -- 6850-01-306-1383

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

Product ID:FP-97A(M) PENETRANT

MSDS Date:01/01/1997

FSC:6850

NIIN:01-306-1383

MSDS Number: CCJFG

=== 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:310-450-1111

Chemtrec In

d/Phone:(800)424-9300

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

Contract Num:SP0450-99-M-C174

CAGE:98733

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

Contract Num:SP0450-99-M-C922

CAGE:98733

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
Contract Num:SP0450-99-M-NA71
CAGE:98733
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
Contract Num:SP0450-99-M-NE19
CAGE:98733
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
Contract Num:SP0450-99-M-NF34

CAGE:98733

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

Ingred Name:PETROLEUM HYDROCARBON, SEVERELY HYDROTREATED MIDDLE
DISTILLATE
CAS:64742-46-7
RTECS #:JN9379645
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Healt

h Hazards Acute and Chronic: EYE CONTACT - PRESUMED NON-IRRITATING.
SKIN CONTACT - SLIGHTLY IRRITATING. INHALATION - VAPORS OR OIL
MIST MAY CAUSE MILD IRRITATION OF UPPER RESPIRATORY TRACT.
INGESTION - MAY RESULT IN VOMITING. ASPIRATION MUST BE AVOIDED.
Explanation of Carcinogenicity: NONE SPECIFIED BY MANUFACTURER.
Effects of Overexposure: SKIN CONTACT - SLIGHTLY IRRITATING. INGESTION
- MAY RESULT IN VOMITING.
Medical Condition Aggravated by Exposure: PRE-EXISTING SKIN AND RESPIRATORY

DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid: EYES: FLUSH WITH WATER. SKIN: REMOVE CONTAMINATED CLOTHING.
WASH WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. PROVIDE
OXYGEN IF BREATHING DIFFICULT. INGESTION: DO NOT INDUCE VOMITING.
GET MEDICAL ATTENTION.

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

Flash Point Method: COC
Flash Point: =98.9C, 210.F
Extinguishing Media: USE WATER FOG, FOAM, DRY CHEMICAL OR CARBON DIOXIDE
(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 A
POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING
APPARATUS.
Unusual Fire/Explosion Hazard: NONE.

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

Spill Release Procedures: SOAK UP WITH AN ABSORBENT SUCH AS CLAY, SAND
OR OTHER SUITABLE MATERIAL. DISPOSE OF IN ACCORDANCE WITH FEDERAL
AND STATE REGULATIONS FOR OIL RESIDUE.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions: KEEP AWAY FROM HEAT, OPEN FLAMES AND
OXIDIZING MATERIALS. AVOID CONTACT WITH SKIN AND EYES.
Other Precautions: NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection

Protection: IF EXPOSURE EXCEEDS TLV, USE NIOSH APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE.

Ventilation: LOCAL EXHAUST/GENERAL MECHANICAL VENTILATION: TO MAINTAIN TLV. SPECIAL/OTHER: NONE.

Protective Gloves: CHEMICAL RESISTANT TO MINIMIZE SKIN CONTACT.

Eye Protection: NO SPECIAL PROTECTION REQUIRED.

Other Protective Equipment: AS REQUIRED TO MINIMIZE SKIN CONTACT.

Work Hygienic Practices: MINIMIZE SKIN CONTACT. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET.

Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

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

HCC: V6

Boiling Pt: >204.4C, 400.F

Melt/Freeze Pt: =-59.4C, -75.F

Spec Gravity: 0.86 (ABOUT)

Solubility in Water: INSOLUBLE

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

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

Stability Indicator/Materials to Avoid: YES
OXIDIZING MATERIALS.

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

Hazardous Decomposition Products: CAN PRODUCE CARBON MONOXIDE AND OTHER UNIDENTIFIED ORGANIC COMPOUNDS.

Conditions to Avoid Polymerization: HEAT, OPEN FLAMES, AND OXIDIZING MATERIALS.

===== Toxicological Information =====

Toxicological Information: NONE SPECIFIED BY MANUFACTURER.

===== Ecological Information =====

Ecological: NONE SPECIFIED BY MANUFACTURER.

===== Disposal Considerations

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Waste Disposal Methods:PLACE IN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH LOCAL REGULATIONS.

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MSDS Transport Information =====

Transport Information:NONE SPECIFIED BY MANUFACTURER.

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Regulatory Information =====

SARA Title III Information:THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND 40 CFR 372: NONE.

Federal Regulatory Information:NONE SPECIFIED BY MANUFACTURER.

State Regulatory Information:CALIFORNIA PROPOSITION 65 NOTICE:
DETECTABLE AMOUNTS OF SOME CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM MAY BE FOUND IN VARIOUS PRODUCTS YOU PURCHASE FROM MET-L-CHEK, IN THEIR VAPORS OR MAY RESULT FROM THEIR USE. . READ AND FOLLOW LABEL DIRECTIONS & INFORMATION GIVEN ON MATERIAL SAFETY DATA SHEETS,
AND USE CARE WHEN HANDLING OR USING ALL NON-DESTRUCTIVE TEST CHEMICAL PRODUCTS. FOR FURTHER INFORMATION, CONTACT THE MET-L-CHEK COMPANY, 1 639 EUCLID STREET, SANTA MONICA, CA.

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Other Information =====

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