

MET-L-CHEK COMPANY -- FP-97A(M) PENETRANT -- 6850-01-268-6696

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

Product ID:FP-97A(M) PENETRANT

MSDS Date:01/01/1997

FSC:6850

NIIN:01-268-6696

Status Code:A

MSDS Number: CJHBZ

=== 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:3101-450-1111

Chemtrec Ind/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:SP0450-98-X-C482

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-C133

CAGE:98733

Company Name:MET-L-CHEK COMPANY

Address:1

639 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-NC47
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:5 MG/M3
OSHA PEL:5 MG/M3 (OIL MIST)
ACGIH TLV:5 MG/M3 (OIL MIST)

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Hazards Identification
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LD50 LC50 Mixtu
re:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health 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. A SPIRATION MUST BE AVOIDED.
Explanation of Carcinogenicity:PER MSDS:CARCINOGENICITY:NA,
NTP/IARC:NA, OSHA:
NO.
Effects of Overexposure:SKIN CONTACT - IRRITATION. INGESTION -
POSSIBLE VOMITING.
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN AND RESPIRATORY
DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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First Aid Measures
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First Aid:EYE CONTACT:FLUSH WITH WATER. SKIN CONTACT:FLUSH WITH WATER,
WASH WITH SOAP AND WATER. INHALATION:REMOVE TO FRESH AIR, PROVIDE
OXYGEN IF BREATHING IS DIFFICULT. INGESTION:DO NOT INDUCE VOMI

TING.
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 CO2.. DO NOT USE DIRECT STREAM OF WATER.
Fire Fighting Procedures:MATERIAL WILL NOT BURN UNLESS PREHEATED. DO NOT ENTER CONFINED FIRE-SPACE W/O FULL BUNKER GEAR, INCLUDING POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS..
Unusual Fire/Explosion Hazard:
NONE.

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

Spill Release Procedures:SOAK UP WITH ABSORBENT SUCH AS CLAY, SAND OR OTHER SUITABLE MATERIAL. DISPOSE OF I/A/W FEDERAL AND STATE REGULATIONS FOR OIL RESIDUE. PLACE IN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH LOCAL REGULATIONS.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT, OPEN FLAMES AND OXIDIZING MATERIALS.
Other Precautions:NONE

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

Respiratory Protection:IF EXPOSURE EXCEEDS TLV, USE NIOSH APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE.
Ventilation:LOCAL EXHAUST AND MECHANICAL TO MAINTAIN TLV.
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:M

MINIMIZE SKIN CONTACT. WASH W/ SOAP & WATER
BEFORE EATING, DRINKING, SMOKING, OR USING TOILET.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

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

HCC:N1

Boiling Pt:>204.4C, 400.F

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

Spec Gravity:ABOUT 0.86

Solubility in Water:INSOLUBLE

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

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

Stability Indica

tor/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 =====

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Ecological:NONE SPECIFIED BY MANUFACTURER.

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

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

===== MSDS Transport Information =====

Transport Information:NONE SPECIFIED BY MANUFACTURER.

===== Regulatory Information =====

SARA Title III Information:THIS PRODUCT CONTAINS THE FOLLOWING TOXIC
CHEMICAL

S 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.

===== Other Information =====

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