

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

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

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)

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

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.

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

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:COG  
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 =====

=====

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 =====

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.