

MET-L-CHEK COMPANY -- FP-95 A PENETRANT -- 6850-01-268-8788

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

Product ID:FP-95 A PENETRANT

MSDS Date:01/01/1997

FSC:6850

NIIN:01-268-8788

Kit Part:Y

MSDS Number: BGTLH

=== Responsible Party ===

Company Name:MET-L-CHEK COMPANY

Address:1639 EUCLID STREET

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)

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:SP0450-99-M-NF20

CAGE:98733

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

Ingred Name:PETROLEUM HYDROCARBON,SEVERELY HYDROTREATED MIDDLE
DISTILLATE/HYDROTREATED MIDDLE PETROLEUM DISTILLATE

CAS:64742-46-7

RTECS #:J

N9379645

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.

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 MISTS
MAY CAUSE MILD IRRITATION

OF UPPER RESPIRATORY TRACT. INGESTION-MAY

RESULT IN VOMITING. ASPIRATION MUST BE AVOIDED.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:SKIN CONTACT-IRRITATION. INGESTION-POSSIBLE
VOMITING.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN AND RESPIRATORY
DISORDERS MAY BE AGGAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYE CONTACT-FLUSH WITH WATER. SKIN CONTACT-FLUSH WITH WATER,
WASH WITH

SOAP & WATER. INHALATION-REMOVE TO FRESH AIR, PROVIDE

OXYGEN IF BREATHING IS DIFFICULT. INGESTION-DO NOT INDUCE VOMITING.

GET MED ICAL ATTENTION.

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

Flash Point Method:COC

Flash Point:~98.9C, 210.F

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

Fire Fighting Procedures:MATERIAL WILL NOT BURN UNLESS PREHEATED. DO
NOT ENTER CONFINED FIRE-SPACE WITHOUT FU

LL BUNKER GEAR, INCLUDING A

POSITIVE PRESSURE NIOSH APPROVED SELF-CONFINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:NONE

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===== 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.

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

Handling and Storage Precautions:KEEP AWA

Y 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: TO MAINTAIN TLV. 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 CO
NTACT.

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

Supplemental Safety and Health

THIS PRODUCT IS A TWO PART KIT. UNIT KIT IS ONE 55-GALLON DRUM OF
PENETRANT AND TWO 55-GALLON DRUMS OF EMULSIFIER.

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

HCC:V6

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:>204.4C, 400.F

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

Spec Gravity:ABOUT 0.91

Evaporation Rate & Refe

rence:UNKNOWN(BUAC=1)

Solubility in Water:INSOLUBLE

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

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIAL.

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

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

Conditions to Avoid Polymerization:HEAT, OPEN FLAMES AND OXDIZING

M

ATERIALS.

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

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

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

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