

MET-L-CHEK COMPANY -- FP-93A(M) PENETRANT (SEE SUPPL DATA) -- 6850-01-266-4547
===== Product Identification =====

Product ID:FP-93A(M) PENETRANT (SEE SUPPL DATA)

MSDS Date:10/15/1986

FSC:6850

NIIN:01-266-4547

Kit Part:Y

MSDS Number: BGTCD

=== Responsible Party ===

Company Name:MET-L-CHEK COMPANY

Address:1639 EUCLID STREET

City:SANTA MONICA

State:CA

ZIP:90404-3770

Country:US

Info Phone Num:213-450-1111

Emergency Phone Num:213-450-1111

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:DISTILLATE (PETROLEUM),HYDROTREATED MIDDLE; NOTE: ON MSDS,
MFR SIMPLY STATED AS "PETROLEUM HYDROCARBON" FOR ABOVE CAS #.

CAS:64742-46-7

RTECS #:JN9379645

OSHA PEL:5 MG/CUM

ACGIH TLV:5 MG/CUM

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:MAY CAUSE SLIGHT SKIN IRRITATION;
VAPORS OR OIL MIST MAY CAUSE MILD IRRITATION OF UPPER RESPIRATORY
TRACT.
Effects of Overexposure:EYES:MAY CAUSE IRRITATION; SKIN:SLIGHT
IRRITATION ON CONTACT WITH LIQUID; INHALATION:VAPORS OR MIST OF
PRODUCT MAY CAUS
E MILD IRRITATION OF UPPER RESPIRATORY TRACT.
INGESTION:MAY RESULT IN VOMITING. A SPIRATION MUST BE AVOIDED.
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 =====

First Aid:EYES:FLUSH WITH WATER FOR AT LEAST 15 MINUTES.GET MEDICAL
HELP IR IRRITATION OCCURS OR PERSISTS; SKIN:FLUSH WITH WATER.WASH
WITH LUKE WARM WATER & SOAP.GET MEDICAL HEL
P FOR PERSISTING
IRRITATION; INHA LATION:REMOVE TO FRESH AIR.PROVIDE OXYGEN IF
BREATHING IS DIFFICULT.GET MEDICAL ASSISTANCE IF NEEDED;
INGESTION:IF SWALLOWED, DO NOT INDUCE VOMITING.GET MEDICAL
ATTENTION.NOTHING BY MOUTH TO UNCONSC.

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

Flash Point Method:PMCC
Flash Point:210F/98.9C
Extinguishing Media:WATER FOG,DRY CHEMICAL,CARBON DIOXIDE OR FOAM; DO
NOT USE DIRECT STREAM OF WATER ON THE FIRE.
Fire Fighting
Procedures:IN CONFINED AREA,DO NOT ENTER WITHOUT A FULL
BUNKER GEAR INCLUDING A POSITIVE PRESSURE NIOSH APPROVED
SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:CONTAINERS MAY BURST AND/OR RUPTURE IN
INTENSE HEAT OF FIRE. PER MANUFACTURER,PREHEATED PRODUCT MAY IGNITE
IN AIR WHEN EXPOSED TO FLAME.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES.WEAR APPROPRIATE
PROTECTIVE CLOTHING AND R

ESPIRATORS.SOAK UP WITH ABSORBENT.PLACE
WASTE IN SEALED CONTAINERS.FLUSH WITH WATER.LG LIQ:DIKE LIQUID &
PUMP INTO SALVAGE TANK.ABS ORB RESIDUE WITH COMM ABSORBENT & PUT IN
CLOSED DR

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

Handling and Storage Precautions:KEEP AWAY FROM SOURCES OF
HEAT/IGNITION.STORE IN COOL,DRY & VENTILATED AREA.DO NOT STORE NEAR
OXIDIZING MATERIAL;AVOID PHYSICAL DAMAGE TO CONTAINERS.

Other Precautions:MINIMIZE SKIN CONTACT.AVOI
D BREATHING VAPORS.

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

Respiratory Protection:NOT NEEDED IN NORMAL CONDITIONS OR USES WHEN
VAPORS/MIST CONCENTRATIONS ARE BELOW TLV/PEL LIMITS. WEAR NIOSH
APPROVED ORGANIC TYPE RESPIRATOR IN ABSENCE OF PROPER ENVIRONMENTAL
CONTROL.

Ventilation:LOCAL EXHAUST OR MECHANICAL(GENERAL) TO MAINTAIN TLV OR
BELOW TLV LIMITS.

Protective Gloves:CHEMICAL RESISTANT

Eye Protection:SAFETY GLASSES OR SPLASH-PROOF GOGGLES

Other Pr

otective Equipment:CHEMICAL RESISTANT APRON TO PREVENT
CLOTHING/SKIN CONTACT.

Work Hygienic Practices:WASH HANDS WITH SOAP & WATER BEFORE EATING,
SMOKING OR USING TOILET FACILITIES;DO NOT EAT/DRINK IN VAPOR
CONTMNTD AREA.

Supplemental Safety and Health

NSN FOR A KIT OF 2 PARTS UNDER TYPE I,METHOD 1,LEVEL 2 OF
MIL-I-25135,REV D;PER QPL-25135-15,THE SET MAY CONSIST OF FP-93A(M)
PENETRANT AND E-58A OR E-58D EMULSIFIER (I.E. THE MFR MAY SUPPLY
EITHER E- 58A OR E-58D EMULSIFIE
R WITH FP-93A(M) PENETRANT UNDER
THIS NSN);KEY1:N1;THIS DATA ENTRY DESCRIBES: FP-93A(M) PENETRANT.

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

HCC:N1

Boiling Pt:B.P. Text:380F(193.3C

Spec Gravity:ABOUT 1.2

Solubility in Water:INCOMPLETE

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

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIAL

Stability Condition to Avoid:SOURCE

OF HEAT/IGNITION. AVOID EXPOSURE TO
OXIDIZING MATERIALS.

Hazardous Decomposition Products:OXIDES OF CARBON (CARBON
MONOXIDE,CARBON DIOXIDE) AND OTHER UNIDENTIFIED ORGANIC PRODUCTS.

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

Waste Disposal Methods:PER MANUFACTURER, THE WASTE CAN BE INCINERATED
OR DISPOSED OF AS EPA HAZARDOUS WASTE # D001,IGNITABLE WASTE, IN
FULL COMPLIANCE WITH ALL FEDERAL STATE & LOCAL REGULATIONS.

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