

MET-L-CHEK COMPANY -- FP-93A(M) PENETRANT -- 6850-01-268-6702

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

Product ID:FP-93A(M) PENETRANT

MSDS Date:10/15/1986

FSC:6850

NIIN:01-268-6702

MSDS Number: BGTCS

=== 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 CAUSE MILD IRRITATION OF UPPER RESPIRATORY TRA  
CT. CAN  
CAUSE CENTRAL NERVOUS SYSTEM DE PRESSION. INGESTION:MAY RESULT IN  
VOMITING. ASPIRATION MUST BE AVOIDED.  
Medical Cond 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 FOR AT LEAST 15 MINUTES.GET MEDICAL  
HELP IR IRRITATION OCCURS OR PERSISTS; SKIN:FLUSH WITH WATER.WASH  
WITH LUKE WARM WATER & SOAP.GET MEDI  
CAL HELP 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  
ASSISTANCE.

===== 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 CONFIN  
ED 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.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES.WEAR APPROPRIATE  
PROTECTIVE CLOTHING AND RESPIRATORS.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.AVOID 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 Protective 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 TYPE I,METHOD D,LEVEL 2 OF MIL-I-25135, REV D. PER  
QPL-25135-15, FP-93A(M) PENETRANT IS A QUALIFIED PRODUCT FOR THE  
NSN.

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

HCC:N1

Boiling Pt:B.P. Text:>400F/>204C

Spec G

avity:ABOUT 0.86

Solubility in Water:INCOMPLETE

Appearance and Odor:YELLO-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:CAN OXIDES OF CARBON (CARBON  
MONOXIDE,CARBON DIOXIDE) AND OTHER UNIDENTIFIED ORGANIC COMPOUNDS.

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Waste 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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