

MET-L-CHEK COMPANY -- FP-93A(M) PENETRANT,FLUORESCENT -- 6850-01-263-9777

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Product Identification  
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Product ID:FP-93A(M) PENETRANT,FLUORESCENT

MSDS Date:10/15/1986

FSC:6850

NIIN:01-263-9777

MSDS Number: BGWMY

=== 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

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Composition/Information on Ingredients  
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Ingred Name:DISTILLATE (PETROLEUM),HYDROTREATED MIDDLE; ON MSDS MFR  
SIMPLY NOTED AS "PETROLEUM HYDROCARBON" FOR ABOVE CAS NO.

CAS:64742-46-7

RTECS #:JN9379645

OSHA PEL:5MG/CUM

ACGIH TLV:5MG/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:PRESUMED NON-IRRITATING;SKIN:SLIGHT  
IRRITATION ON LIQUID CONTACT;INHALATION:VAPORS OR OIL MIST MAY  
CAUSE MILD IRRITATION OF UPPER RESPIRATORY TRA  
CT;INGESTION:MAY  
RESULT IN 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:EYES:FLUSH WITH WATER.GET MEDICAL HELP IF IRRITATION OCCURS  
OR PERSISTS; SKIN:FLUSH WITH WATER.WASH WITH WATER & SOAP.GET MED  
ATTN FOR PERSISTING IRRITATION; INHALATION:REMOVE TO FRESH  
AIR.PROVIDE OXY GEN IF BREATHING IS DIFFICULT.GET  
MED ATTN IF  
NEEDED; INGESTION:DO NOT INDUCE VOMITING.GET MEDICAL ATTENTION.

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

Flash Point Method:COC  
Flash Point:210F(98.9C)  
Extinguishing Media:WATER FOG,DRY CHEMICAL,CARBON DIOXIDE OR FOAM;DO  
NOT USE DIRECT STREAM OF WATER.  
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 Haz  
ard:NOT KNOWN.

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

Spill Release Procedures:ELIM IGNITION SOURCES.WEAR APPROPRIATE  
PROTECTIVE CLOTHING & RESPIRATOR.DIKE & TRANSFER LIQ TO A SALVAGE  
TANK.SOAK UP RESIDUE WITH ABSORBENT CLAY,SAND OR OTHR MATL.PLACE  
RAGS & ABSORBED WASTE MATERL I N COVERED NON-LEAKING CONTAINERS.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT/IGNITION  
SOURCES

.STORE IN DRY,COOL & VENTILATED LOCATION.DO NOT STORE NEAR  
OXIDIZING MATERIAL. AVOID PHYSICAL DAMAGE TO CANS.

Other Precautions:MINIMIZE SKIN CONTACT.

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

Respiratory Protection:IF EXPOSURE EXCEEDS TLV,USE NIOSH APPRVD  
RESPIRATOR TO PREVENT OVEREXPOSURE.

Ventilation:PER MANUFACTURER,PROVIDE LOCAL EXHAUST, OR  
MECHANICAL(GENERAL) VENTILATION TO MAINTAIN TLV.

Protective Gloves:CHEMICAL RESISTANT.

Eye Protection:GOGGLES.

Other Protective Equipment:EYE WASH FOUNTAINS AND SAFETY SHOWERS.

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

Supplemental Safety and Health

PER QPL-25135-15,THREE PENETRANTS,FP-91C(M),FP-92B & FP-93A(M) ARE  
QUALIFIED ITEMS FOR NSN OF TYPE I,METHOD C,LEVEL 1 UNDER THE  
MIL-I-25135,REV D;THE MFR MAY SHIP/SUPLY ONE OF THESE THREE  
PENETRANTS U NDER THIS NSN.THIS DATA ENTRY IS OF FP-93A(M);OTHER  
TWO PENETRANTS ARE UN  
DER PNI A & C,THIS NSN.

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

HCC:N1

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

Spec Gravity:0.86

Solubility in Water:NEGLIGIBLE

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:HEAT & IGNITION SOURCES.

Hazardous Decomposition Products:CARBON MONOXIDE & OTHER UNIDENT  
IFIED  
ORGANIC COMPOUNDS.

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

Waste Disposal Methods:DISPOSE OF AS EPA HAZARDOUS WASTE  
#D001,IGNITABLE WASTE.PLACE WASTE MATERIAL IN AN APPROPRIATE  
DISPOSAL FACILITY,OR DISPOSE OF IN COMPLIANCE WITH FEDERAL,STATE &  
LOCAL REGULATIONS.

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