

MET-L-CHEK COMPANY -- FP-91B PENETRANT,FLUORESCENT -- 6850-01-263-7246

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Product Identification  
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Product ID:FP-91B PENETRANT,FLUORESCENT

MSDS Date:10/15/1986

FSC:6850

NIIN:01-263-7246

MSDS Number: BGSVJ

=== 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:21

3-450-1111

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:5 MG/CUM

ACGIH TLV:5 MG/CUM

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Hazards Identification  
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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 TRACT;I  
NGESTION:MAY  
RESULT IN VOMITING.  
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  
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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.

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Fire Fighting Measures  
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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 Hazard:  
NOT KNOWN.

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Accidental Release Measures  
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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 IN COVERED NON-LEAKING CONTAINERS.

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

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

Other Precautions: MINIMIZE SKIN CONTACT.

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

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

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

Protective Gloves: CHEMICAL RESISTANT WHEN HANDLING BULK.

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

NSN OF TYPE I, METHOD A, LEVEL 1 UNDER MIL SPEC MIL-I-25135, REVISION D; IN  
ACCORDANCE WITH QPL-25135-15, TWO PENETRANTS D-901 & D-91B ARE  
QUALIFIED FOR TYPE I, METHOD A, LEVEL 1. THEREFORE, MFR MAY SUPPLY ONE  
OF THESE TWO PENETRANTS FOR THIS NSN. THIS ENTRY DESCRIBES DATA  
OF  
FP-91B PENETRANT.

===== 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.

===== 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 UNIDENTIFIED  
ORGANIC COMPOUNDS.

===== 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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