

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

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

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

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

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 =====

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.

===== 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 Hazard:
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 IN COVERED NON-LEAKING CONTAINERS.

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

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 APPRVD
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 Protec
tion: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 UNIDEN
TIFIED
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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