

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

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

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

===== 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:5MG/CUM

ACGIH TLV:5MG/CUM

=====

=====  
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 TR  
ACT;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 Ha  
zard: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  
SOURCE

S.STORE 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.

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 U  
NDER PNI A & C,THIS NSN.

===== 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.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department  
of Defense. The United States of Americ

a in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.