

MET-L-CHEK COMPANY -- FP-93A (M) PENETRANT -- 6850-01-268-6694

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

Product ID:FP-93A (M) PENETRANT

MSDS Date:10/15/1986

FSC:6850

NIIN:01-268-6694

MSDS Number: BGSCC

=== 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 #.

CAS:64742-46-7

RTECS #:JN9379645

OSHA PEL:5 MG/CUM

ACGIH TLV:5 MG/CUM

===== Hazard

s 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;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  
NEED

ED; 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.

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===== 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.

===== 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.

Eye Protection:GOGGLES.

Other Protective Eq

uipment:EYE WASH FOUNTAINS AND SAFETY SHOWERS.

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

Supplemental Safety and Health

NSN FOR TYPE I,METHOD B,LEVEL 2 OF MIL-I-25135,REV D;PER  
QPL-25135-15,TWO ITEMS OF MET-L-CHEK QUALIFY UNDER TYPE I,METH  
B,LEVEL 2 OF SPEC;THIS ENTRY DESCRIBES: FP-93A(M) PENETRANT IN 5  
GAL CAN;EMULSIF IER UNDER NSN 6850-01-268-6710.

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

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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 =====

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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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