

MET-L-CHEK COMPANY -- FP-93A(M) PENETRANT -- 6850-01-268-6702

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

Product ID:FP-93A(M) PENETRANT

MSDS Date:10/15/1986

FSC:6850

NIIN:01-268-6702

MSDS Number: BGTCS

=== 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:98

733

=== 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; NOTE: ON MSDS,
MFR SIMPLY STATED AS "PETROLEUM HYDROCARBON" FOR ABOVE CAS #.

CAS:64742-46-7

RTECS #:JN9379645

OSHA PEL:5 MG/CUM

ACGIH TLV:5 MG/CUM

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azards 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:MAY CAUSE IRRITATION; SKIN:SLIGHT
IRRITATION ON CONTACT WITH LIQUID; INHALATION:VAPORS OR MIST OF
PRODUCT MAY CAUSE MILD IRRITATION OF UPPER RESPIRATORY TRACT.

CAN
CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION. INGESTION:MAY RESULT IN
VOMITING. ASPIRATION MUST BE AVOIDED.

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 FOR AT LEAST 15 MINUTES.GET MEDICAL
HELP IR IRRITATION OCCURS OR PERSISTS; SKIN:FLUSH WITH WATER.WASH
WITH LUKE WARM WATER & SOAP.GET MEDICAL
HELP FOR PERSISTING
IRRITATION; INHA LATION:REMOVE TO FRESH AIR.PROVIDE OXYGEN IF
BREATHING IS DIFFICULT.GET MEDICAL ASSISTANCE IF NEEDED;
INGESTION:IF SWALLOWED, DO NOT INDUCE VOMITING.GET MEDICAL
ASSISTANCE.

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

Flash Point Method:PMCC
Flash Point:210F/98.9C
Extinguishing Media:WATER FOG,DRY CHEMICAL,CARBON DIOXIDE OR FOAM; DO
NOT USE DIRECT STREAM OF WATER ON THE FIRE.
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:CONTAINERS MAY BURST AND/OR RUPTURE IN
INTENSE HEAT OF FIRE. PER MANUFACTURER, PREHEATED PRODUCT MAY
IGNITE IN AIR WHEN EXPOSED TO FLAME.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES.WEAR APPROPRIATE
PROTECTIVE CLOTHING AND RESPIRATORS.SOAK UP WIT

H ABSORBENT.PLACE

WASTE IN SEALED CONTAINERS.FLUSH WITH WATER.LG LIQ:DIKE LIQUID & PUMP INTO SALVAGE TANK.ABS ORB RESIDUE WITH COMM ABSORBENT & PUT IN CLOSED DR

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

Handling and Storage Precautions:KEEP AWAY FROM SOURCES OF HEAT/IGNITION.STORE IN COOL,DRY & VENTILATED AREA.DO NOT STORE NEAR OXIDIZING MATERIAL;AVOID PHYSICAL DAMAGE TO CONTAINERS.
Other Precautions:MINIMIZE SKIN CONTACT.AVOID BREATHING VAPORS.

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

Respiratory Protection:NOT NEEDED IN NORMAL CONDITIONS OR USES WHEN VAPORS/MIST CONCENTRATIONS ARE BELOW TLV/PEL LIMITS. WEAR NIOSH APPROVED ORGANIC TYPE RESPIRATOR IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL.

Ventilation:LOCAL EXHAUST OR MECHANICAL(GENERAL) TO MAINTAIN TLV OR BELOW TLV LIMITS.

Protective Gloves:CHEMICAL RESISTANT
Eye Protection:SAFETY GLASSES OR SPLASH-PROOF GOGGLES
Other Protective Equipment:CHEMICAL RESISTANT APRON TO PREVENT CLOTHING/SKIN CONTACT.

Work Hygienic Practices:WASH HANDS WITH SOAP & WATER BEFORE EATING, SMOKING OR USING TOILET FACILITIES;DO NOT EAT/DRINK IN VAPOR CONTMNTD AREA.

Supplemental Safety and Health
NSN FOR TYPE I,METHOD D,LEVEL 2 OF MIL-I-25135, REV D. PER QPL-25135-15, FP-93A(M) PENETRANT IS A QUALIFIED PRODUCT FOR THE NSN.

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

HCC:N1
Boiling Pt:B.P. Text:>400F/>204C
Spec Grav
ity:ABOUT 0.86
Solubility in Water:INCOMPLETE
Appearance and Odor:YELLO-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:SOURCE OF HEAT/IGNITION. AVOID EXPOSURE TO OXIDIZING MATERIALS.
Hazardous Decomposition Products:CAN OXIDES OF CARBON (CARBON MONOXIDE,CARBON DIOXIDE) AND OTHER UNIDENTIFIED ORGANIC COMPOUNDS.

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===== Dispo

sal Considerations =====

Waste Disposal Methods:PER MANUFACTURER, THE WASTE CAN BE INCINERATED OR DISPOSED OF AS EPA HAZARDOUS WASTE # D001,IGNITABLE WASTE, IN FULL COMPLIANCE WITH ALL FEDERAL STATE & LOCAL REGULATIONS.

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