

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:9

8733

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

L 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 WI

TH 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
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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
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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:CH

EMICAL 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
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HCC:N1

Boiling Pt:B.P. Text:>400F/>204C

Spec Gra

vity:ABOUT 0.86

Solubility in Water:INCOMPLETE

Appearance and Odor:YELLO-GREEN LIQUID. SLIGHT HYDROCARBON ODOR.

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Stability and Reactivity Data
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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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Disp
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osal 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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