

MET-L-CHEK COMPANY -- FP-93 A PENETRANT -- 6850-00-782-2732

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

Product ID:FP-93 A PENETRANT

MSDS Date:06/13/1996

FSC:6850

NIIN:00-782-2732

MSDS Number: BFPLW

=== Responsible Party ===

Company Name:MET-L-CHEK COMPANY

Address:1639 EUCLID ST

City:SANTA MONICA

State:CA

ZIP:90404

Country:US

Info Phone Num:310-450-1111

Emergency Phone Num:310-450-1111/800-424-9300(CHEMTRE  
C)

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:HYDROTREATED MIDDLE PETROLEUM DISTILLATE/PETROLEUM  
HYDROCARBON,SEVERELY HYDROTREATED MIDDLE DISTILLATE

CAS:64742-46-7

RTECS #:JN9379645

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH T

LV:5 MG/M3 AS OIL MIST

===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY AND GASTROINTESTINAL TRACTS. ACUTE- EYES/SKIN:MAY CAUSE SLIGHT IRRITATION. INHALE:VAPORS OR OIL MIST MAY CAUSE MILD IRRITATION TO UPPER RESPIRATORY TRACT. ORAL:IN GESTI ON MAY CAUSE VOMITING.

ASPIRATION HAZARD. CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, NAUSEA, VOMITING

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

===== First Aid Measures =====

First Aid:CALL PHYSICIAN IF SYMPTOMS PERSIST. EYE:FLUSH WITH PLENTY OF WATER. H

OLD EYELIDS OPEN. SKIN:FLUSH WITH WATER & WASH SKIN WITH SOAP & WATER. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. O RAL:DO NOT INDUCE VOMITING. CALL A PHYSICIAN.

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

Flash Point Method:COC

Flash Point:210F,99C

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM/DRY CHEMICAL. DO NOT USE DIRECT STREAM OF WATER. COOL FIRE EXPOSED CONTAINER W/WATER

Fire Fighting Procedures:DO NOT ENTER ANY ENCLOSED OR CONFINED AREA

WITHOUT PROPER PROTECTIVE EQUIPMENT AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. DO NOT BURN UNLESS HEATED.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:PREVENT SKIN AND EYE CONTACT. ABSORB SPILLS WITH INERT MATERIAL SUCH AS SAND OR VERMICULITE. TRANSFER TO SUITABLE CONTAINERS FOR DISPOSAL. CLEAN SPILL AREA AFTER PICK UP IS COMPLETE.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE AWAY FROM OPEN FLAMES AND  
OXIDIZING AGENTS.

Other Precautions:WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING  
AND BEFORE EATING, DRINKING, SMOKING. KEEP OUT OF REACH OF  
CHILDREN. DO NOT INGEST. AVOID EYE AND SKIN CONTACT.

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

Respiratory Protection:IF TLV IS EXCEEDED OR FOR SYMPTOMS OF OVER  
EXPOSURE, WEAR

NIOSH-APPROVED RESPIRATOR.

Ventilation:LOCAL EXHAUST IS RECOMMENDED FOR CONFINED AREAS. GENERAL  
MECHANICAL VENTILATION IS ADEQUATE FOR NORMAL USE.

Protective Gloves:RUBBER RECOMMENDED

Eye Protection:SAFETY GLASSES/GOGGLES RECOMMENDED

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, PROTECTIVE  
CLOTHING

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES.

Supplemental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE  
PNI A, SAME NSN.

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

HCC:N1

NRC/State Lic Num:NOT RELEVANT

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

Melt/Freeze Pt:M.P/F.P Text:-75F,-59C

Spec Gravity:0.86

Solubility in Water:INSOLUBLE

Appearance and Odor:YELLOW-GREEN LIQUID, SLIGHT HYDROCARBON ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS

Stability Condition to Avoid:EXCESSIVE HEAT, OPEN FLAME

Haza

rdous Decomposition Products:MAY FORM CARBON MONOXIDE, CARBON  
DIOXIDE, SMOKE AND OTHER UNIDENTIFIED ORGANIC COMPOUNDS.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE  
AND FEDERAL REGULATIONS. PLACE IN APPROPRIATE DISPOSAL FACILITY.

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