

MET-L-CHEK COMPANY -- FP-97A(M) FLUORESCENT PENETRANT -- 6850-01-263-7245
===== Product Identification =====

Product ID:FP-97A(M) FLUORESCENT PENETRANT

MSDS Date:10/01/1999

FSC:6850

NIIN:01-263-7245

Kit Part:Y

MSDS Number: CKDCG

=== Responsible Party ===

Company Name:MET-L-CHEK COMPANY

Address:1639 EUCLID ST

City:SANTA MONICA

State:CA

ZIP:90404-3770

Country:US

Info Phone Num:310-450-1111

Emergenc

y Phone Num:310-450-1111 FAX (310) 452-4046

Chemtrec Ind/Phone:(800)424-9300

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

Contract Num:SP0450-00-M-D688

CAGE:98733

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

Contract Num:SP0450-00-M-SE85

CAGE:98733

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
Contract Num:SP0450-99-M-C174
CAGE:98733

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
Contract Num:SP0450-99-M-C922
CAGE:98733

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
Contract Num:SP0450-99-M-NA71
CAGE:98733

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
Contract Num:SP0450-99-M-NE19
CAGE:98733

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
Contract Num:SP0450-99-M-NF34
CAGE:98733

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
Contract Num:SP0450-99-M-NF44
CAGE:98733

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Composition/Information on Ingredients
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Ingred Name:HYDROTREATED MIDDLE DISTILLATE (PETROLEUM)
CAS:64742-46-7
RTECS #:JN9379645
Minumum % Wt:40.
Maxumum % Wt:70.

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO
OSHA:NO

Health Hazards Acute and Chronic:EYE CONTACT: LIQUID MAY CAUSE IRRITATION, REDNESS, TEARING AND STINGING OF EYES. SKIN CONTACT: MAY CAUSE SKIN IRRITATION WITH PROLONGED OR REPEATED CONTACT. SYMPTOMS MAY INCLUDE REDNESS, BURNING, AND CRACKING OF SKIN. SWALLOWING: SMALL AMOUNTS MAY NOT PRODUCE HARMFUL EFFECTS. LARGE AMOUNTS MAY BE HARMFUL. INHALATION: SMALL AMOUNTS MAY NOT BE HARMFUL. LARGE AMOUNTS MAY BE HARMFUL.

Explanation of Carcinogenicity:THIS MATERIAL IS NOT KNOWN TO CONTAIN

ANY CONSTITUENTS LISTED AS A CARCINOGEN BY IARC, NTP OR OSHA.

Effects of Overexposure:STOMACH OR INTESTINAL UPSET (NAUSEA, VOMITING, DIARRHEA), IRRITATION (NOSE, THROAT, AIRWAYS), CENTRAL NERVOUS SYSTEM DEPRESSION (DIZZINESS, DROWSINESS, FATIGUE, HEADACHE, UNCONSCIOUSNESS).

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First Aid Measures
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First Aid:EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. HOLD EYELIDS OPEN. SEEK MEDICAL ATTENTION. SKIN: REMOVE CON

TAMINATED CLOTHING.

WASH EXPOSED AREA WITH SOAP AND WATER. IF SYMPTOMS PERSISTS, SEEK MEDICAL ATTENTION. LAUNDER CLOTHING BEFORE REUSE. CLEAN SHOES BEFORE REUSE. SWALLOWING: CALL PHYSICIAN IMMEDIATELY. IF INDIVIDUAL IS DROWSY OR UNCONSCIOUS, DO NOT GIVE ANYTHING BY MOUTH; PLACE INDIVIDUAL ON THEIR LEFT SIDE WITH HEAD DOWN. DO NOT LEAVE INDIVIDUAL UNATTENDED. INHALATION: MOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT,

GIVE OXYGEN. GET MEDICAL ATTENTION IMMEDIATELY.

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

Flash Point Method:PMCC

Flash Point:=-93.3C, 200.F

Extinguishing Media:DRY CHEMICAL, WATER FOG, FOAM, OR CARBON DIOXIDE.

Fire Fighting Procedures:WATER MAY BE INEFFECTIVE. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL. WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACE PIECE OPERATED IN THE PRESSURE DEM AND OR OTHER POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:NONE KNOWN. MAY FORM CARBON DIOXIDE AND CARBON MONOXIDE.

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

Spill Release Procedures:VENTILATE AREA. REMOVE ALL SOURCES OF IGNITION. ISOLATE AREA. WEAR PROTECTIVE GEAR, KEEP UNNECESSARY PERSONNEL AWAY. CONTAIN AND RECOVER LIQUID WHEN POSSIBLE. COLLECT LIQUID IN APPROPRIATE CONTAINER OR ABSORB WITH AN INERT MATERIAL SUCH AS VERMICULITE, DRY SAND, OR EARTH; DO NOT USE COMBUSTIBLE MATERIALS AND PLACE IN A CHEMICAL WASTE CONTAINER. DO NOT FLUSH TO SEWER!

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

Handling and Storage Precautions:PROTECT AGAINST PHYSICAL DAMAGE. STORE IN A COOL, DRY WELL-VENTILATED LOCATION, AWAY FROM AREAS WHERE FIRE HAZARD MAY EXIST. STORE AND USE IN NO SMOKING AREA. EMPTY CONTAINERS MAY CONTAIN RESIDUE LIQUID AND VAPORS.

Other Precautions:ANY USE OF THIS PRODUCT IN EL

EVATED TEMPERATURE

PROCESSING SHOULD BE THOROUGHLY EVALUATED TO ESTABLISH AND MAINTAIN SAFE OPERATING CONDITIONS.

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

Respiratory Protection:PERSONAL RESPIRATORS (NIOSH APPROVED) IF EXPOSURE LIMIT IS EXCEEDED.

Ventilation:A SYSTEM OF LOCAL OR GENERAL EXHAUST IS RECOMMENDED TO KEEP EMPLOYEE EXPOSURE BELOW THE AIRBORNE EXPOSURE LIMITS.

Protective Gloves:WEAR RESISTANT GLOVES.

Eye Protection:CHEMICAL SPLASH GOGGLES, SAFETY GLASSES, OR FULL FACE SHIELD.

Other Protective Equipment:TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS. EYE WASH AND QUICK DRENCH FACILITIES SHOULD BE NEAR WORK AREA.

Supplemental Safety and Health

OSHA EXPOSURE LIMITS (VPEL): 5 MG/M3(TWA), 5 MG/M3(STEL). ACGIH THRESHOLD LIMIT(TLV): 10 MG/M3(TWA), 10 MG/M3(STEL).

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

HCC:V4

Boiling Pt:>204.4C, 400.F

Melt/Freeze Pt:=-59.4C, -75.F

Spec Gravity:0.969 @ 60 F (8 LBS/GAL)

Solubility in Water:INSOLUBLE

Appearance and Odor:SLIGHT HYDROCARBON ODOR. FLUORESCENT YELLOW-GREEN LIQUID.

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

Stability Indicator/Materials to Avoid:YES STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:STABLE UNDER ORDINARY CONDITIONS OF USE AND STORAGE.

Hazardous Decomposition Products:MAY FORM CARBON DIOXIDE AND CARBON MONOXIDE.

Conditions to Avoid Polymerization:WI

LL NOT OCCUR.

===== Toxicological Information =====

Toxicological Information:NO DATA AVAILABLE ON PRODUCT.

===== Ecological Information =====

Ecological:NO DATA AVAILABLE ON PRODUCT.

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

Waste Disposal Methods:PROCESSING, USE, OR CONTAMINATION OF THIS PRODUCT MAY CHANGE THE WASTE MANAGEMENT OPTIONS. STATE AND LOCAL REGULATIONS MAY DIFFER FROM FEDERAL DISPOSAL REGULATIONS. DISPOSE OF CONTAINER AND UNUSED CONTENTS IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REQUIREMENTS.

===== MSDS Transport Information =====

Transport Information:DOT INFORMATION: 49 CFR 172.101: NOT REGULATED. REPORTABLE QUANTITY: 49 CFR 172.101: NOT APPLICABLE.

===== Regulatory Information =====

SARA Title III Information:SARA 302 COMPONENTS-40CFR355 APPENDIX A: NONE. SECTION 311/312 HAZARD CLASSIFICATION-40CFR370.2: IMMEDIATE, DELAYED. SARA 313 COMPONENTS-40CFR372.65: NONE.

Federal Regulatory Information:TSCA: LISTED. CERCLA RQ-49 CFR 302.4(A): NONE LISTED.

State Regulatory Information:CALIFORNIA PROPOSITION 65 REQUIRES THE FOLLOWING STATEMENT-PRODUCT MAY CONTAIN DETECTABLE AMOUNTS OF SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

===== Other Information =====

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