

MET-L-CHEK COMPANY -- FP-97A(M) FLUORESCENT PENETRANT -- 6850-01-268-6696
===== Product Identification =====

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

MSDS Date:01/01/2001

FSC:6850

NIIN:01-268-6696

Status Code:A

MSDS Number: CLHFB

=== Responsible Party ===

Company Name:MET-L-CHEK COMPANY

Address:1639 EUCLID ST

Box:00000

City:SANTA MONICA

State:CA

ZIP:90404

Country:US

Info Phone Num:310-450-1111/

FAX 310452-4046

Emergency Phone Num:(800) 424-9300

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:SP0450-01-M-ZE77

CAGE:98733

===== Composition/Information on Ingredients =====

Ingred Name:HYDROTREATED MIDDLE DISTILLATE

CAS:64742-46-7

RTECS #:JN9379645

Minimum % Wt:40.

Maximum % Wt:70.

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SHA PEL:5 MG/M3 TWA
OSHA STEL:5 MG/M3
ACGIH TLV:10 MG/M3 TWA
ACGIH STEL:10 MG/M3

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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:EYE: LIQUID MAY CAUSE IRRITATION,
REDNESS, TEARING AND STINGING OF EYES. SKIN: 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 THE INTERNATIONAL
AGENCY FOR RESEARCH ON CANCER, THE NATIONAL TOXICOLOGY PROGRAM, 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).
Medical Cond Aggravated by Exposure:NO DATA PROVIDED BY MANUFACTURER

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

First Aid:EYE: FLUSH EYES WITH CLEAN WATER FOR AT LEAST 15 MINUTES.
HOLD EYELIDS OPEN. SEEK MEDICAL ATTENTION. SKIN: REMOVE
CONTAMINATED CLOTHING. WASH EXPOSED AREA WITH SOAP AND WATER. IF
SYMPTOMS PERSIST, SEE K MEDICAL
ATTENTION. LAUNDRER CLOTHING & CLEAN
SHOES BEFORE REUSE. SWALLOWING: CALL A PHYSICIAN IMMEDIATELY. IF
INDIVIDUAL IS DROWSY OR UNCONSCIOUS, DO NOT GIVE ANYTHING BY MOUTH;
PLACE INDIVIDUAL ON THEIR LEFT SIDE WITH THE HEAD DOWN. DO NOT
LEAVE THE INDIVIDUAL UNATTENDED. INHALATION: REMOVE 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, 199.9F
Lower Limits:NA
Upper Limits:NA

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 OPERATE D IN THE PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE.

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

===== 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 AN 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!

Neutralizing Agent:NO DATA PROVIDED BY MANUFACTURER

===== 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 & USE IN NO SMOKING AREA.

Other Precautions:EMPTY CONTAINER MAY CONTAIN RESIDUE LIQUID/ VAPORS. ANY USE OF THIS PRODUCT IN ELEVATED 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. LOCAL EXHAUST VENTILATION IS PREFERRED.

Protective Gloves:WEAR RESISTANT GLOVES.

Eye Protection:CHE

MICAL 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 AREAS.

Work Hygienic Practices:NO DATA PROVIDED BY MANUFACTURER

Supplemental Safety and Health

NO DATA PROVIDED BY MANUFACTURER

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

HCC:V6

Boiling Pt:>204.4C, 399.9F

B.P. Text:@ 760 MMHG

Spec Gravi

ty:0.969 @ 60F

Evaporation Rate & Reference:NA

Solubility in Water:INSOLUBLE

Appearance and Odor:FLUORESCENT YELLOW-GREEN LIQUID; SLIGHT HYDROCARBON

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

Stability Indicator/Materials to Avoid:YES

AVOID 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:

WILL 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 DISPOSAL REGULATIONS MAY DIFFER FROM FED

ERAL DISPOSAL REGULATIONS. DISPOSE
OF CONTAINER AND UN USED CONTENTS IN ACCORDANCE WITH FEDERAL, STATE
AND LOCAL REQUIREMENTS.

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

Transport Information:DOT INFORMATION-49CFR172.101: NOT REGULATED.
REPORTABLE QUANTITY-49CFR172.101: NOT APPLICABLE.

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

SARA Title III Information:SARA 302 COMPONENTS - 40 CFR 355 APPENDIX A:
NONE. SECTION 311/312 HAZ

ARD CLASS - 40 CFR 370.2: IMMEDIATE &
DELAYED. SARA 313 COMPONENTS - 40 CFR 372.65: 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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n by the compiling agencies):

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