

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: CLCWP

=== 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-ZB63

CAGE:98733

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

Ingred Name:HYDROTREATED MIDDLE DISTILLATE (PETROLEUM)

CAS:64742-46-7

RTECS #:JN9379645

Minimum % Wt:40.

Maxumu

m % 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: 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 EFFECT

S. LARGE AMOUNTS MAY BE HARMFUL.

INHALATION: SMALL AMOUNTS MAY NOT BE HARMFUL. LARGE AMOUNTS MAY BE  
HARMFUL.

Explanation of Carcinogenicity:THIS MATERIAL IS NOT KOWN 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, D

ROWSINESS, FATIGUE, HEADACHE,  
UNCONSCIOUSNESS).

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===== First Aid Measures =====  
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First Aid:EYES: FLUSH EYES W/ CLEAN WATER FOR AT LEAST 15 MINS. HOLD  
EYELIDS OPEN. SEEK MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED  
CLOTHING. WASH EXPOSED AREA W/ SOAP & WATER. IF SYMPTOMS PERSIST,  
SEEK MEDICAL ATTENTION. LAUNDRY CLOTHING & CLEAN SHOES BEFORE  
REUSE. SWALLOWING: CALL A PHYSICIAN IMMEDIATELY. IF INDIVIDUAL IS  
DROWSY/ UNCONSCIOUS, DO NOT G

IVE ANYTHING BY MOUTH; PLACE

INDIVIDUAL ON THEIR LEFT SIDE W/ 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 =====  
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Flash Point Method:PMCC

Flash Point:=-93.3C, 199.9F

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

Fire Fighting Proce

dures: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. HAZARDOUS PRODUCTS OF COMBUSTION: 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!

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

Handling and Storage Precautions

ns: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.

Other Precautions:EMPTY CONTAINERS MAY CONTAIN RESIDUE LIQUID AND 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:CHEMICAL SPLASH GOGGLES, SAFETY GLASSES OR FULL FACE SHIELD IN COMPLIANCE WITH

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

PRODUCT CODE: FP-97A(M)

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

HCC:V6

Boiling Pt:>204.4C, 399.9F

B.P. Text:@ 760 MMHG

Spec Gravity:0.969 @ 60F

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 OX

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

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

Transport Information:DOT INFORMATION: 49 CFR 172.101 NOT REGULATED.

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Regulatory Information  
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SARA Title III Information: SARA 302 COMPONENTS - 40 CFR 355 APPENDIX A:  
NONE. SECTION 311/312 HAZARD 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  
SUBST  
ANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

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