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MET-L-CHEK COMPANY -- FP-97A(M) FLUORESCENT PENETRANT (SEE SUPPL) -- 6850-01-263-8224

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

Product ID:FP-97A(M) FLUORESCENT PENETRANT (SEE SUPPL)
MSDS Date:01/01/2001
FSC:6850
NIIN:01-263-8224
Status Code:A
Kit Part:Y
MSDS Number: CLMQC
=== Responsible Party ===
Company Name:MET-L-CHEK COMPANY
Address:1639 EUCLID ST
Box:00000
City:SANTA MONICA
State:CA
ZIP:90404
Coun
try:US
Info Phone Num:310-450-1111/FAX 310452-4046
Emergency Phone Num:800-424-9300
Preparer's Name:NOT PROVIDED
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-ZG36
CAGE:98733

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

Ingred Name:HYDROTREATED MIDDLE DISTILLATE
CAS:64

742-46-7
RTECS #:JN9379645
Minumum % Wt:40.
Maxumum % Wt:70.
Other REC Limits:NOT PROVIDED
OSHA PEL:5 MG/M3 (OIL MIST)
ACGIH TLV:5 MG/M3 (OIL MIST)
ACGIH STEL:10 MG/M3 (OIL MIST)

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

LD50 LC50 Mixture:NOT PROVIDED
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:POTENTIAL HEALTH EFFECTS: 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 INCL UDE REDNESS, BURNING, AND CRACKINK 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 PROGR
AM , 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:NOT PROVIDED

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

First Aid:EYES: FLUSH EYES WITH CLEAN WATER FOR AT LEAST 15 MINUTES. HOLD EYELIDS OPEN. SEEK MEDICAL ATTENTION. SKIN: REMOVE CONTAMI
NATED CLOTHING. WASH EXPOSED AREA WITH SOAP AND WATER. IF SYMPTOMS PERSIST, SE EK MEDICAL ATTENTION. LAUNDER CLOTHING AND 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

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

Flash Point Method:PMCC
Flash Point:=93.3C, 200.F
Autoignition Temp:Autoignition Temp Text:N/AV
Lower Limits:N/AV
Upper Limits:N/AV
Extinguishing Media:DRY CHEMICAL, WATER FOG, FOAM, 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 OPERAT ED IN THE PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE.
Unusual Fire/Explosion Hazard:NONE KNOWN.

========== 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 CONTAIN ER OR ABSORB WITH AN INERT MA
TERIAL 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:NOT RELEVANT

========== 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.
Other Precautions:EMPTY CONTAINERS MAY CONTA
IN 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 V

ENTILATION IS PREFERRED.
Protective Gloves:WEAR RESISTANT GLOVES.
Eye Protection:CHEMICAL SPLASH GOGGLES, SAFETY GLASSES OR FULL FACE SHIELD ARE ADVISED.
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.
Work Hygienic Practices:NOT PROVIDED
Supplemental Safety and Health
UNIT QTY IS A KIT CONSISTING OF ONE 5 GALLON CAN OF PENETRANT AND TWO 5 GALLON CANS OF EM
ULSIFIER (MSDS SERIAL NUMBER: CLMPZ).

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

HCC:V4
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:>204.4C, 400.F
Melt/Freeze Pt:M.P/F.P Text:NOT PROVIDED
Decomp Temp:Decomp Text:NOT PROVIDED
Vapor Pres:NOT AVAILABLE
Vapor Density:N/AV
Spec Gravity:0.969
Viscosity:NOT PROVIDED
Evaporation Rate & Reference:NOT AVAILABLE
Solubility in Water:INSOLUBLE
Appearance and Odor:FLUORESCENT YELLOW-GREEN LIQUID; SLIGHT HYDROCARBON ODOR
Perce
nt Volatiles by Volume:NOT PROVIDED
Corrosion Rate:NOT PROVIDED

========== 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.

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

Toxicological Information:NO DATA AVAILABLE ON PRODUCT.

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

Ecological:NO DATA AVAILABLE ON PRODUCT.

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

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

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

Transport Information:DOT INFORMATION (49CFR 172.101): NOT REGULATED. RQ: NOT APPLICABLE.

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

SARA Title III Information:SARA SECTION 302 COMPONENTS-40CFR355 APPENDIX A: NONE. SECTION 311/ 312 HAZARD CLASS-40CFR370.2: IMMEDIATE (X), DELAYED (X), FIRE ( ), REACTIVE ( ), SUDDEN RELEASE OF PRESSURE ( ). SARA 313 COMPONENTS -40CFR372.65: NONE.
Federal Regulatory I
nformation:TSCA: 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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