

MET-L-CHEK COMPANY -- FBP-914 FLUORESCENT PENETRANT -- 6850-01-263-2264

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Product Identification  
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Product ID:FBP-914 FLUORESCENT PENETRANT

MSDS Date:10/01/1999

FSC:6850

NIIN:01-263-2264

MSDS Number: CKDSD

=== 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

Emergency Phone Num:800

-424-9300

Resp. Party Other MSDS Num.:FBP-914

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-D514

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:SP0450-01-M-D179

CAGE:9873

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 ===== Composition/Information on Ingredients =====  
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Ingred Name:ALKYLOXYPOLYETHYLENEOXYETHANOL (SECONDARY ALCOHOL  
 ETHOXYLATE)

CAS:84133-50-6

Minimum % Wt:80.

Maximum % Wt:90.

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 ===== Hazards Identification =====  
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Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYE: LIQUID MAY CAUSE IRRITATION,  
 REDNESS, TEARING, STINGING AND SWELLING OF EYES. SKIN: MAY CAUSE  
 SKIN IRRITATION WITH PROLONGED OR RE

PEATED 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:NOT PROVIDED BY MANUFACTURER

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 ===== First Aid Measures =====  
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First Aid:EYES:FLUSH EYES WITH CLEAN WATER FOR AT LEAST 15 MINUTES.

HOLD EYELIDS OPEN. SEEK MEDICAL ATTENTION. SKIN: REMOVE  
 CONTAMINATED CLOTHING, WASH EXPOSED A

REA WITH SOAP & WATER. IF

SYMPTOMS PERSIST, SEEK MEDICAL ATTENTION. LAUNDER CLOTHING BEFORE  
 REUSE. 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

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TTENTION IMMEDIATELY.

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

Flash Point Method:PMCC

Flash Point:>121.C, 249.8F

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 PR  
ESSURE MODE.

Unusual Fire/Explosion Hazard:MAY POSE A FLOATING FIRE HAZARD. 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 AN APPROPRIATE CONTAINER OR ABSORB WITH AN INERT MATERIAL SUCH AS VERMICULITE, DRY SAND, OR EARTH; DO NOT USE COMBUSTIBLE MATERIALS, & PLACE IN A CHEMICAL WASTE CONTAINER. DO NOT FLUSH TO SEWER!

Neutralizing Agent:NOT PROVIDED BY MANUFACTURER

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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.

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.

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===== 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 PREFERRE

D.

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 BY MANUFACTURER

Supplemental Safety and Health  
NOT PROVIDED BY MANUFACTURER

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

HCC:V5

Boiling Pt:B.P. Text:DECOMPOSES>250C(>482F)

Vapor Density:>1

Spec Gravity:0.986 @ 60F

Solubility in Water:95-99%

Appearance and Odor:FLUORESCENT YELLOW-GREEN LIQUID. MILD ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, ACIDS AND BASES AT ELEVATED TEMPERATURES.

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 ON THIS MATERIAL.

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

Waste Disposal Methods:PROCESSING, USE OR CONTAMINATION OF THIS PRODUCT MAY CHANGE THE WASTE MANAGEMENT OPT

IONS. STATE AND LOCAL DISPOSAL

REGULATIONS MAY DIFFER FROM FEDERAL DISPOSING REGULATIONS. DISPOSE OF CONTAINER AND U NUSED CONTENTS IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REQUIREMENTS.

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

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Regulatory Information  
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SARA Title III Information:

NO SARA 302 COMPONENTS (40 CFR 355 APPENDIX

A). SECTION 311/312 HAZARD CLASS (40 CFR 370.2): IMMEDIATE & DELAYED. NO SARA 313 COMPONENTS (40 CFR 372.65).

Federal Regulatory Information:TSCA LISTED. NO CERCLA RQ COMPONENTS (49 CFR 302.4(A)).

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.

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Other Information  
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