

MET-L-CHEK COMPANY -- FP-900 FLUORESCENT PENETRANT -- 6850-01-263-9775

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

Product ID:FP-900 FLUORESCENT PENETRANT

MSDS Date:06/28/1989

FSC:6850

NIIN:01-263-9775

MSDS Number: BGTHN

=== 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:213-450-1111

Emergency Phone Num:213-4

50-1111

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

CAGE:98733

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

Ingred Name:DISTILLATE (PETROLEUM),HYDROTREATED MIDDLE; ON MSDS MFR  
SIMPLY NOTED AS "PETROLEUM HYDROCARBON" FOR ABOVE CAS NO.

CAS:64742-46-7

RTECS #:JN9379645

OSHA PEL:5MG/CUM

ACGIH TLV:5MG/CUM

=====

==== Hazards Identification =====

LD50 LC50 Mixture:TLV 5 MG/M3

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-PRESUMED NON-IRRITATING.

SKIN CONTACT-SLIGHTLY IRRITATING. INHALATION- VAPORS OR OIL MIST  
MAY CAUSE MILD IRRITATION OF UPPER RESPIRATORY TRACT. INGESTION-  
MAY RESULT IN VOMITING. ASPIRATION MUST BE AVOIDED.

Explanation of Carcinogenicity:THIS COMPOUN

D CONTAINS NO INGREDIENTS AT

CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT  
CARCINOGENS.

Effects of Overexposure:SKIN IRRITATION, VOMITING, UPPER RESPIRATORY  
TRACT IRRITATION.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN AND RESPIRATORY  
DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:INHALATION: REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP  
WARM AND QUIET. GET

MEDICAL ATTENTION. SKIN: WASH AFFECTED AREA

THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL  
ATTENTION. EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES.

GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET  
MEDICAL ATTENTION.

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

Flash Point Method:COC

Flash Point:210F,99C

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:WATER FOG, DRY CHEMICAL, CARBON DIOXIDE

Fi

re Fighting Procedures:MATERIAL WILL NOT BURN UNLESS PREHEATED. DO

NOT ENTER CONFINED FIRE-SPACE WITHOUT FULL BUNKER GEAR, INCLUDING A  
POSITIVE PRESSURE NIOSH APPROVED SCBA UNIT.

Unusual Fire/Explosion Hazard:DO NOT USE DIRECT STREAM OF WATER.

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

Spill Release Procedures:SOAK UP WITH AN ABSORBENT MATERIAL SUCH AS  
CLAY, SAND OR OTHER SUITABLE MATERIAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

=====

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT, OPEN FLAMES AND OXIDIZING MATERIALS.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:IF EXPOUSRE EXCEEDS TLV, USE NIOSH APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE.

Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION TO MAINTAIN EXPOSURE LEVELS.

Protective Gloves:CHEMICAL RESISTANT

Eye Protection:NOT NORMALLY REQUIRED

Other Protective Equipment:AS REQUIRED TO MINIMIZE SKIN CONTACT.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

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

HCC:N1

Boiling Pt:B.P. Text:>400F,>204C

Melt/Freeze Pt:M.P/F.P Text:-75F,-59C

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:0.86

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:INSOLUBLE/EMULSIFIES

Appearance and Odor:YELLOW-GREEN LIQUID, SLIGHT HYDROCARBON ODOR

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIALS

Stability Condition to Avoid:HEAT, OPEN FLAMES

Hazardous Decomposition Products:CARBON MONOXIDE, UNIDENTIFIED ORGANIC COMPOUNDS

===== **Disposal Considerations** =====

Waste Disposal

Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.