

MET-L-CHEK COMPANY -- FP-95A(M) FLUORESCENT PENETRANT -- 6850-00-782-2740
===== Product Identification =====

Product ID:FP-95A(M) FLUORESCENT PENETRANT

MSDS Date:03/15/1989

FSC:6850

NIIN:00-782-2740

Kit Part:Y

MSDS Number: BGSZQ

=== Responsible Party ===

Company Name:MET-L-CHEK COMPANY

Address:1639 EUCLID STREET

City:SANTA MONICA

State:CA

ZIP:90404-3723

Country:US

Info Phone Num:213-450-1111

Emer

gency Phone Num:213-450-1111

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:HYDROTREATED MIDDLE PETROLEUM DISTILLATE/PETROLEUM
HYDROCARBON

CAS:64742-46-7

RTECS #:JN9379645

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS

OIL MIST

Ingred Name:BUTANE

CAS:106-97-8

RTECS #:EJ4200000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:800 PPM

ACGIH TLV:800 PPM; 9495

Ingred Name:PROPANE

CAS:74-98-6

RTECS #:TX2275000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1000 PPM

ACGIH TLV:ASPHYXIAN; 9495

Ingred Name:ISOBUTANE

CAS:75-28-5

RTECS #:TZ4300000

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.

Routes of Entry: Inhalation:

YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, RESPIRATORY &

GI TRACTS. ACUTE- EYE CONTACT:PRESUMED NON-IRRITATING. SKIN

CONTACT:SLIGHTLY IRRITATING. INHALE:VAPORS OR MISTS MAY CAUSE MILD

UPPER RESPIRATORY TRACT IRRITATION . ORAL:MAY CAUSE VOMITING.

ASPIRATION HAZARD. CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION

Medical Cond Aggravated by Exposure

:PERSONS WITH PRE-EXISTING SKIN

DISORDERS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE
TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH

AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15

MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:DO

NOT INDUCE VOMITING. IF CONSCIOUS, RINSE MOUTH WITH WATER. SEEK

IMMEDI

ATE MEDICAL ATTENTION. IF SPONTANEOUS VOMITING OCCURS,
MONITOR FOR BREATHING DIFFICULTY.

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

Flash Point Method:PMCC

Flash Point:210F/98.9C

Extinguishing Media:WATER FOG,DRY CHEMICAL,CARBON DIOXIDE OR FOAM; DO
NOT USE DIRECT STREAM OF WATER ON THE FIRE.

Fire Fighting Procedures:IN CONFINED AREA,DO NOT ENTER WITHOUT A FULL
BUNKER GEAR INCLUDING A POSITIVE PRESSURE NIOSH APPROVED
SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:CONTAINERS MAY BURST AND/OR RUPTURE IN
INTENSE HEAT OF FIRE. PER MANUFACTURER,PREHEATED PRODUCT MAY IGNITE
IN AIR WHEN EXPOSED TO FLAME.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES
OF IGNITION. VENTILATE AREA. SOAK UP SPILL WITH NON-FLAMMABLE
ABSORBENT SUCH AS SAND, EARTH, VERMICULITE. PLACE IN CONTAINER.
GROUND ALL HANDLING EQUIPMENT S. PREVENT LIQUID
FROM ENTERING

SEWERS OR WATERWAY

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED
PLACE AWAY FROM SOURCES OF IGNITION AND INCOMPATIBLE MATERIALS.
AVOID TEMPERATURES ABOVE 120F.

Other Precautions:AVOID BREATHING VAPORS. DO NOT GET IN EYES, ON SKIN
OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR
DRINKING. REMOVE CONTAMINATED CLOTHING PRO

MPTLY. LAUNDRER BEFORE

REUSE. KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:IF TLV IS EXCEEDED OR FOR SYMPTOMS OF OVER
EXPOSURE, WEAR NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR OR SUPPLIED
AIR RESPIRATOR. IN EMERGENCY, WEAR A NIOSH-APPROVED
POSITIVE-PRESSURE SELF-CONTAINED BREAT HING APPARATUS.

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF)
VENTILATION TO MAINTAIN EXPOSURE BELOW

TLV(S).

Protective Gloves:NATURAL RUBBER, NEOPRENE RECOMMENDED

Eye Protection:SAFETY GLASSES+FACE SHIELD/CHEM GOGGLES

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWERS SHOULD BE AVAILABLE IN THE IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE.

Work Hygienic Practices:WASH HANDS BEFORE EATING, DRINKING, SMOKING, OR USING TOILET FACILITIES. WASH CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

KEY1:F1. THIS PRODUCT IS A KIT CONSISTING OF THREE PARTS. SEE PNI H FOR

CLEANER, PNI G FOR DEVELOPER, SAME NSN. THIS IS FOR PENETRANT.

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

HCC:V3

Boiling Pt:=193.3C, 379.9F

Spec Gravity:ABOUT 1.2

Viscosity:NOT RELEVANT

Solubility in Water:NEGLIGIBLE

Appearance and Odor:YELLOW-GREEN LIQUID.SLIGHT HYDROCARBON ODOR PRIOR TO FILLING IN THE AEROSOL CAN

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIAL

Stability Con

dition to Avoid:SOURCE OF HEAT/IGNITION. AVOID EXPOSURE TO OXIDIZING MATERIALS.

Hazardous Decomposition Products:MAY EMIT CARBON MONOXIDE, CARBON DIOXIDE.

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

Waste Disposal Methods:CONTRACT WITH LICENSED CHEMICAL WASTE DISPOSAL SERVICE. DISCHARGE, TREATMENT OR DISPOSAL IS SUBJECT TO FEDERAL, STATE OR LOCAL LAWS. DO NOT INCINERATE AEROSOL CANS.

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