

MET-L-CHEK COMPANY -- FP-903 PENETRANT -- 6850-01-263-8430

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Product Identification  
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Product ID:FP-903 PENETRANT

MSDS Date:01/01/1997

FSC:6850

NIIN:01-263-8430

MSDS Number: BJQZJ

=== 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

Emergency Phone Num:800-424-9300 CHEMTREC

CAG

E: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

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Composition/Information on Ingredients  
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Ingred Name:SEVERELY 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

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Hazards Identification  
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY TRACT. ACUTE- EYES:PRESUMED NON-IRRITATING. SKIN:SLIGHTLY IRRITATING. INHALATION: VAPORS OR MIST MAY CAUSE MILD IRRITATION OF UPPER RESPIRATORY TRACT. ORAL: MAY CAUSE VOMITING. ASPIRATION HAZARD.

CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:IRRITATION, NAUSEA, VOMITING

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.

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First Aid Measures  
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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. GET MEDICAL ATTENTION.

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Fire Fighting Measures  
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Flash Point Method:COC

Flash Point:210F,99C

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:NONE.

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Accidental Release Measures  
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Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. VENTILATE AREA.

CONTAIN AND PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH, VERMICULITE. PREVENT LIQUID FROM ENTERING SEWERS OR WATERWAYS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE AWAY FROM HEAT, OPEN FLAMES AND OXIDIZING AGENTS.

Other Precautions:NONE.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE OR AN AIR-SUPPLIED RESPIRAT

OR OR SCB A, AS REQUIRED. USE IAW 29 CFR 1910.134.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:IMPERVIOUS: NITRILE.

Eye Protection:NONE NORMALLY REQUIRED.

Other Protective Equipment:AS REQUIRED TO MINIMIZE SKIN CONTACT.

DLA-HMIS: EYE WASH STATION.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULATION

S, SEE PNI A OR B, SAME NSN.

MSDS PRESENTED BY CAGE 98733 FOR CONTRACT NUMBER SP0450-97-MN221.

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

HCC:N1

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

Spec Gravity:0.86

Evaporation Rate & Reference:NONE SPECIFIED BY MFR.

Solubility in Water:NEGLIGIBLE

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

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

Stability Indicator/Materials to Avoid:YES

OXIDIZ

ING MATERIALS.

Stability Condition to Avoid:HEAT OPEN FLAME, OXIDIZING MATERIALS.

Hazardous Decomposition Products:MAY FORM CARBON MONOXIDE, CARBON DIOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

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mation 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.