

MET-L-CHEK COMPANY -- VP-31A PENETRANT -- 6850-01-266-4553

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

Product ID:VP-31A PENETRANT

MSDS Date:10/15/1986

FSC:6850

NIIN:01-266-4553

MSDS Number: BGRZC

=== Responsible Party ===

Company Name:MET-L-CHEK COMPANY

Address:1639 EUCLID STREET

City:SANTA MONICA

State:CA

ZIP:90404-3770

Country:US

Info Phone Num:213-450-1111

Emergency Phone Num:213-450-1111

CAGE:98733

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= 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 Identifi

cation =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:UNKNOWN IARC:UNKNOWN OSHA:YES
Health Hazards Acute and Chronic:PER MANUFACTURER,MAY CAUSE SLIGHT
IRRITATION TO SKIN ON CONTACT AND RESPIRATORY TRACT SYSTEM.
Explanation of Carcinogenicity:CARCINOGENICITY OF THE PRODUCT FOR OSHA
REQUIREMENTS IS SPECIFIED "YES" BY THE MFR BUT DID NOT SPECIFY THE
COMPONENT.
Effects of Overexposure:EYES:PRESUMED NON-IRRITATING;SKIN:S
LIGHT
IRRITATION ON LIQUID CONTACT;INHALATION:VAPORS OR OIL MIST MAY
CAUSE MILD IRRITATION OF UPPER RESPIRATORY TRACT;INGESTION:MAY
RESULT IN VOMITING.
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN AND RESPIRATORY
DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYES:FLUSH WITH WATER.GET MEDICAL HELP IF IRRITATION OCCURS
OR PERSISTS; SKIN:FLUSH WITH WATER.WASH WITH WATER & SOAP.GET
T MED
ATTN FOR PERSISTING IRRITATION; INHALATION:REMOVE TO FRESH
AIR.PROVIDE OXY GEN IF BREATHING IS DIFFICULT,GET MED ATTN IF
NEEDED; INGESTION:DO NOT INDUCE VOMITING.GET MEDICAL ATTENTION.

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

Flash Point Method:PMCC
Flash Point:188F(86.7C)
Extinguishing Media:WATER FOG,DRY CHEMICAL,CARBON DIOXIDE OR FOAM; DO
NOT USE DIRECT STREAM OF WATER.
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:NOT KNOWN

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

Spill Release Procedures:ELIM IGNITION SOURCES.WEAR APPROPRIATE
PROTECTIVE CLOTHING & RESPIRATOR.DIKE & TRANSFER LIQ TO A SALVAGE
TANK.SOAK UP RESIDUE WITH ABSORBENT CLAY,SAND OR OTHER MATL.PLACE
RAGS & ABSORBED WASTE MATERIA L IN COVERED NON-LEAKING CONTAINERS.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT/IGNITION SOURCES.
STORE IN DRY,COOL & VENTILATED LOCATION. DO NOT STORE NEAR
OXIDIZING MATERIAL. AVOID PHYSICAL DAMAGE TO CANS.
Other Precautions:MINIMIZE SKIN CONTACT.

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

Respiratory Protection:IF EXPOSURE EXCEEDS TLV,USE NIOSH APPROVED
RESPIRATOR TO PREVENT OVEREXPOSURE.
Ventilation:PER MANUFACTURER,PROVIDE LOCAL EXHAUST, OR
MECHANICAL(GENERAL) VENTILATION TO MAINTAIN TLV.
Protective Gloves:CHEMICAL RESISTANT
Eye Protection:GOGGLES
Other Protective Equipment:EYE WASH FOUNTAINS AND SAFETY SHOWERS
Work Hygienic Practices:WASH WITH SOAP AND WATER BEFORE
EATING,DRINKING,SMOKING OR USING TOILET FACILITIES.
Supplemental Safety and Health
NSN FOR 2 PARTS KIT OF TYPE II,METHOD B UNDER MIL-I-25135,REVISION D;
I/AW QPL-25135-15,THE KIT CONTAINS 1-1 GAL CONTNR OF VP-31A
PENETRANT & 1-1 GAL CONTAINER OF E-50 EMULSIFIER; KEY1:F8; THIS
ENTRY DESCRIBES P/N:VP-31A PENETRANT.

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

HCC:V4
Boiling Pt:B.P. Text:>400F/>204C
Spec Gravity:0.86
Solubility in Water:NEGLIGIBLE
Appearance and Odor:DEEP REDDISH-PURPLE LIQUID,HYDROCARBON ODOR.

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

Stability Indicator/Materials to Avoid:YES
OXIDIZING MATERIAL
Stability Condition to Avoid:HEAT & IGNITION SOURCES.
Hazardous

us Decomposition Products:CARBON MONOXIDE & OTHER UNIDENTIFIED ORGANIC COMPOUNDS.

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

Waste Disposal Methods:DISPOSE OF AS EPA HAZARDOUS WASTE #D001,IGNITABLE WASTE.PLACE WASTE MATERIAL IN AN APPROPRIATE DISPOSAL FACILITY,OR DISPOSE OF IN COMPLIANCE WITH FEDERAL,STATE & LOCAL REGULATIONS.

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