

MET-L-CHEK COMPANY -- VP-31 A PENETRANT -- 6850-00-145-0255

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Product Identification  
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Product ID:VP-31 A PENETRANT

MSDS Date:01/01/1997

FSC:6850

NIIN:00-145-0255

Kit Part:Y

MSDS Number: CFYWL

=== Responsible Party ===

Company Name:MET-L-CHEK COMPANY

Address:1639 EUCLID STREET

City:SANTA MONICA

State:CA

ZIP:90404

Country:US

Info Phone Num:310-450-1111

Emergency Phone Num:310-450-1111/800-424-9300(CHEMTREC)

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:SP0450-99-M-C619

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:SP0450-99-M-C833

CAGE:98733

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Composition/Information on Ingredients  
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Ingred Name:PETROLEUM HYDROCARBON,SEVERELY HYDROTREATED MIDDLE  
DISTILLATE  
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; 9596

Ingred Name:PROPANE  
CAS:74-98-6  
RTECS #:TX2275000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1000 PPM  
ACGIH TLV:ASPHYXIAN; 9596

Ingred Name:ISOBUTANE  
CAS  
:75-28-5  
RTECS #:TZ4300000  
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES CONTACT-PRESUMED NON-IRRITATING.  
SKIN CONTACT-MAY CAUSE SLIGHT IRRITATION. INHALATION-VAPORS OR OIL  
MIST MAY CAUSE MILD IRRITATION OF UPPER RESPIRATORY TRACT.  
INGESTION-MAY RESULT IN VOMITING. AS PIRATION MUS  
T BE AVOIDED.  
Effects of Overexposure:SKIN CONTACT-IRRITATION. INGESTION-POSSIBLE  
VOMITING.  
Medical Cond Aggravated by Exposure: PRE-EXISTING SKIN AND RESPIRATORY  
DISORDERS MAY BE AGGRAVATED BY EXPOSURE.

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

First Aid:EYE CONTACT-FLUSH WITH WATER. SKIN CONTACT--FLUSH WITH  
WATER, WASH WITH SOAP AND WATER. INHALATION-REMOVE TO FRESH AIR,  
PROVIDE OXYGEN IF BREATHING IS DIFFICULT. INGESTION-DO NOT INDUCE  
VOMITING

. GET MEDICAL ATTENTION.

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

Flash Point Method:PMCC

Flash Point:>37.8C, 100.F

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

Fire Fighting Procedures:MATERIAL WILL NOT BURN UNLESS PREHEATED. DO  
NOT ENTER CONFINED FIRE-SPACE WITHOUT FULL BUNKER GEAR, INCLUDING A  
POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING  
APPARATUS.

Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:SOAK UP WITH AN ABSORBENT SUCH AS CLAY, SAND,  
OR OTHER SUITABLE MATERIAL. DISPOSE OF IN ACCORDANCE WITH FEDERAL  
AND STATE REGULATIONS FOR OIL RESIDUE.

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

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

Other Precautions:NONE.

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

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

Ventilation:LOCAL EXHAUST: TO MAINTAIN TLV. MECHANICAL: TO MAINTAIN  
TLV. I

Protective Gloves:CHEMICAL RESISTANT TO MINIMIZE SKIN CONTACT.

Eye Protection:NO SPECIAL PROTECTION REQUIRED.

Other Protective Equipment:AS REQUIRED TO MINIMIZE SKIN CONTACT.

Work Hygienic Practices:MINIMIZE SKIN CONTACT. WASH WITH SOAP AND WATER  
BEFORE EATING, DRINKING, SMOKING OR USING TOILET.

Supplemental Safety and Health

THIS PRODUCT IS A KIT CONSISTING OF THREE PARTS. EACH KIT SHALL CONTAIN  
THE FOLLOWING AEROSOL CAS: 2 EACH INSPECTION PENETRANT, 4 EACH  
INSPECTION PENETRANT DEVELOPER, 6 EACH INSPECTION PENETRANT REMOVER;  
UNIT KIT CONTAINS 12 AEROSOL CANS.

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

HCC:V3

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:>204.4C, 400.F

Melt/Freeze Pt:=-59.4C, -75.F

Spec Gravity:0.86

Solubility in Water:|

NSOLUBLE

Appearance and Odor:DEEP REDDISH-PURPLE LIQUID, HYDROCARBON ODOR.

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIALS.

Stability Condition to Avoid:HEAT, OPEN FLAMES, AND OXIDIZING MATERIALS.

Hazardous Decomposition Products:CAN PRODUCE CARBON MONOXIDE AND OTHER UNIDENTIFIED ORGANIC COMPOUNDS.

Conditions to Avoid Polymerization:HEAT, OPEN FLAMES, AND OXIDIZING MATERIALS.

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Disposal Considerations  
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Waste Disposal Methods:PLACE IN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH LOCAL REGULATIONS.

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Regulatory Information  
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State Regulatory Information:CALIFORNIA PROPOSITION 65

NOTICE-DETECTABLE AMOUNTS OF SOME CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS, OR OTHER REPRODUCTIVE HARM MAY BE FOUND IN VARIOUS PRODUCTS YOU PURCHASE FROM MET-L-CHEK, IN THEIR VAPORS

OR MAY RESULT FROM THEIR USE. READ & FOLLOW LABEL

DIRECTIONS & INFORMATION GIVEN ON THE MATERIAL SAFETY DATA SHEETS, AND USE CARE WHEN HANDLING OR USING ALL NON-DESTRUCTIVE TEST CHEMICAL PRODUCTS. FOR FURTHER INFORMATION, CONTACT THE MET-L-CHEK COMPANY, 1639 EUCLID STREET, SANTA MONICA, CA 90404.

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Other Information  
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