

MET-L-CHEK COMPANY -- VP-30 PENETRANT -- 6850-01-265-7233

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

Product ID:VP-30 PENETRANT

MSDS Date:10/24/1986

FSC:6850

NIIN:01-265-7233

MSDS Number: BGSRQ

=== 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:SOLVENT NAPHTHA (PETROLEUM) MEDIUM ALIPHATIC

CAS:64742-88-7

OSHA PEL:500PPM

ACGIH TLV:100PPM

Ingred Name:SOLVENT NAPHTHA (PETROLEUM) LIGHT AROMATIC

CAS:64742-95-6

OSHA PEL:500PPM

ACGIH TLV:100PPM

Ingred Name:ISOBUTANE/PROPANE

MIXTURE (AS PROPELLANT)  
OSHA PEL:1000PPM (PROPANE)  
ACGIH TLV:ASPHYXIANTS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:UNKNOWN IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:MAY CAUSE MILD IRRITATION TO SKIN &  
RESP TRACT SYSTEM.  
Explanation of Carcinogenicity:NO  
Effects of Overexposure:INHALATION:MAY CAUSE IRRITATION TO NOSE AND  
RESPIRATORY SYSTEM.EARLY TO MODERATE CNS  
DEPRESSION MAY BE  
EVIDENCED BY DIZZ,GIDDINESS,HEADACHE,NAUSEA;EYES:VAPOR MAY CAUSE  
IRRITATION;SKIN:LIQUID CONTACT M AY IRRITATE MILDLY;INGESTION:NOT  
LISTED.  
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN,EYE,AND  
RESPIRATORY DISORDERS MAY BE AGGRAVATED.

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

First Aid:INHALATION:REMOVE TO FRESH AIR.GIVE CPR IF  
NEEDED;EYES/SKIN:FLUSH WITH RUNNING WATER FOR AT LEAST 15  
MINUTES.GET MEDICAL HELP IF IRRITA  
TION OCCURS OR PERSISTS;  
INGESTION:IF VICTIM IS CONSCIOUS,GIVE WA TER.DO NOT INDUCE  
VOMITING.NOTHING BY MOUTH IF UNCONSCIOUS.GET MEDICAL ATTN.

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

Flash Point:N/R (AEROSOLS)  
Lower Limits:2.0 (LIQ)  
Upper Limits:12.0 (LIQ)  
Extinguishing Media:WATER FOG,"ALCOHOL" FOAM,DRY CHEMICAL OR CO\*2.  
Fire Fighting Procedures:CONTAINERS EXPOSED TO INTENSE HEAT FROM FIRES  
SHOULD BE COOLED WITH WATER SPRAY TO PREVENT VAPOR PRESSURE  
BUILD-UP.DON'T STORE ABOVE 120F.  
Unusual Fire/Explosion Hazard:AEROSOL CANS MAY RUPTURE/EXPLODE DUE TO  
VAPOR PRESSURE BUILDUP IF EXPOSED TO INTENSE HEAT.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES WEAR PROTECTIVE  
CLOTHING & APPROPRIATE RESPIRATOR.SOAK UP RESIDUE WITH ABSORBENT  
CLAY,SAND,EARTH, OR OTHER MATERIAL.PLACE RAGS & ABSORBED WASTE AND  
DAMAGED BUT EMPTY CANS IN DOT COVERED NON-LEAKING CONTAIN

ERS.

=====  
Handling and Storage  
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Handling and Storage Precautions:STORE AWAY FROM HOT PLACES & IGNITION SOURCES.DO NOT STORE OR HANDLE IN ALUMINUM EQUIPMENT AT TEMP ABOVE 120F.

Other Precautions:DURING TRANSFER OF LIQUID IN BULK,GROUND THE HANDLING EQUIPMENT.

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Exposure Controls/Personal Protection  
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Respiratory Protection:USE NIOSH APPROVED RESPIRATOR IF EXPOSURE EXCEEDS TLV LIMIT.

Ventilation:PER MFR,LOCAL EXHAUST OR MECH(GEN) 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 & WATER BEFORE EATING,DRINKING,SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

NSN FOR AEROSOL CAN OF MIL-I-25135,REV D TYPE II,METHOD C;I/A/W QPL-25135-15,MFR MAY SUPPLY EITHER VP-30 OR VP-31A PENETRANT FOR THIS NSN; THIS ENTRY IS OF VP-30.

=====  
Physical/Chemical Properties  
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HCC:V3

Spec Gravity:0.8 (BULK)

Evaporation Rate & Reference:1.4 OF LIQ(ETHYL AC=1.0)

Solubility in Water:APPRECIATE

Appearance and Odor:LIQUID BEFORE FILLING IN AEROSOL CANS IS DEEP RED COLORED LIQ;HYDROCARBON ODOR.

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING MATERIALS.

Stability Condition to Avoid:HEAT,SPARKS,IGNITION SOURCES.

Hazardous Decomposition Products

cts:CARBON MONOXIDE & UNIDENTIFIED ORGANIC  
COMPOUNDS.

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

Waste Disposal Methods:DISPOSE OF AS EPA HAZARDOUS WASTE  
#D001,IGNITABLE WASTE.EMPTY AEROSOL CAN BEFORE DISPOSING OF  
THEM.PRESSURIZED AEROSOL CANS ARE NOT ACCEPTABLE WASTE,COMPLY ALL  
FEDERAL,STATE & LOCAL REGULATIONS.

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