

MET-L-CHEK COMPANY -- VP-30 PENETRANT -- 6850-01-264-8677

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Product Identification  
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Product ID:VP-30 PENETRANT

MSDS Date:10/24/1986

FSC:6850

NIIN:01-264-8677

MSDS Number: BGTBB

=== 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

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Composition/Information on Ingredients  
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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

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Hazards  
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Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:MAY CAUSE SLIGHT SKIN  
IRRITATION;VAPORS OR OIL MIST MAY CAUSE MILD IRRITATION OF UPPER  
RESPIRATORY TRACT,AND CAUSES CNS DEPRESSION.  
Effects of Overexposure:EYES/SKIN:LIQUID IS MINIMALLY IRRITATING TO THE  
EYES AND SLIGHTLY IRRITATING TO THE SKIN.VAPORS CAUSE EYES  
IRRITATION; INHALATION:VAPORS CAUSE IR  
RITATION TO NOSE,THROAT AND  
RESPIRATORY TRACT,AND CAUSE CNS DEPRESSION;INGESTION:MAY CAUSE  
NAUSEA,GIDDINESS OR HEADACHE,AND POSSIBLE VOMITING.  
Medical Cond Aggravated by Exposure:PREEXISTING EYE,SKIN AND  
RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS  
PRODUCT.

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

First Aid:EYES/SKIN:FLUSH WITH PLENTY OF RUNNING WATER.REMOVE  
VONTAMINATED CLOTHS,AND WASH SKIN WITH SOAP & WATER GET MEDICAL  
ASST  
IF IRRITATION PERSISTS;INHALATION:REMOVE TO FRESH AIR.PROVIDE  
OXYGEN IF BREATHI NG IS DIFFICULT.GIVE ARTIFIICAL RESPIRATION IF  
REQUIRED.GET MED HELP IF NEEDED;INGESTION:DO NOT INDUCE  
VOMITNG.NOTHING BY MOUTH IF VICTIM IS UNCONSCIOUS;GET MEDICAL  
ASSISTANCE IMMEDIATELY.

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

Flash Point Method:TCC  
Flash Point:140F/60C  
Lower Limits:1.0  
Upper Limits:6.0  
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:CONTAINERS EXPOSED TO INTENSE HEAT FROM  
FIRE SHOULD BE COOLED WITH WATER SPRAY TO PREVENT VAPOR PRESSURE  
BUILDUP WHICH COULD RUPTURE CONTAINER.

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

Spill Release Procedures:ELIM IGNITIO

N SOURCES.WEAR APPROPRIATE

PROTECTIVE CLOTHING & RESPIRATOR.DIKE & TRANSFER LIQ TO A SALVAGE TANK.SOAK UP RESIDUE WITH ABSORBENT CLAY,SAND OR OTHR MATL.PLACE RGAS & ABSORBED WASTE MATERL I N COVERED NON-LEAKING CONTAINERS.

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

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

Other Pr

ecautions:MINIMIZE SKIN CONTACT.KEEP CONTAINERS CLOSED WHEN NOT IN USE.USE WITH ADEQUATE VENTILATION;AVOID PROLONGED BREATHING OF VAPORS.

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

Respiratory Protection:IF EXPOSURE EXCEEDS TLV,USE NIOSH APPRVD 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 Protec

tive Equipment:EYE WASH FOUNTAINS AND SAFETY SHOWERS.

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

Supplemental Safety and Health

NSN FOR TYPE II,METHOD C OF MIL-I-25135,REVISION "D";PER QPL-25135-15,THE QUALIFIED PRODUCTS OF MET-L-CHEK ARE VP-30 AND VP-31A PENETRANTS FOR TYPE II,METHOD C. THIS ENTRY DESCRIBES:VP-30 PENETRANT; M FR MAY SUPPLY EITHER VP-30 OR VP-31A UNDER THIS NSN.

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

HCC:F4

Boiling Pt:B.P. Text:368-415F

Spec Gravity:0.8

Evaporation Rate & Reference: