

MET-L-CHEK COMPANY -- VP-30 PENETRANT -- 6850-01-267-7989

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

Product ID:VP-30 PENETRANT

MSDS Date:01/20/1992

FSC:6850

NIIN:01-267-7989

MSDS Number: BSFLV

=== Responsible Party ===

Company Name:MET-L-CHEK COMPANY

Address:1639 EUCLID ST

City:SANTA MONICA

State:CA

ZIP:90404-3770

Country:US

Info Phone Num:213-450-1111

Emergency Phone Num:213-450-1111

CAGE:98733

=== Cont

ractor 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:NAPHTHA, MEDIUM ALIPHATIC

CAS:64742-88-7

Other REC Limits:TLV OF 100 PPM (MFR)

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

LD50 LC50 Mixture:TLV = 100 PPM

Routes of Entry: Inhalation:YES Skin:YES Ingesti

on: YES

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

Health Hazards Acute and Chronic: LIQUID IS MINIMALLY IRRITATING TO THE EYES AND SLIGHTLY IRRITATING TO THE SKIN. VAPORS MAY BE IRRITATING TO THE NOSE, THROAT, RESPIRATORY TRACT AND CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION.

Explanation of Carcinogenicity: THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure: IRRITATION OF EYES, SKIN, NOSE, THROAT, RESPIRATORY TRACT. GIDDINESS OR HEADACHE. POSSIBLE VOMITING IF INGESTED.

Medical Condition Aggravated by Exposure: PRE-EXISTING EYE, SKIN AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid: FLUSH EYES AND SKIN WITH PLENTY OF WATER. REMOVE VICTIM TO FRESH AIR. PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF REQUIRED. DO NOT INDUCE VOMITING.

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

Flash Point Method: PMCC

Flash Point: 144F, 62C

Lower Limits: 1 %

Upper Limits: 6 %

Extinguishing Media: WATER FOG, FOAM, DRY CHEMICAL, CARBON DIOXIDE

Fire Fighting Procedures: FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. DO NOT USE A DIRECT STREAM OF WATER.

Unusual Fire/Explosion Hazard: CONTAINERS EXPOSED TO INTENSE HEAT OF FIRE SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESSURE BUILD-UP WHICH COULD RUPTURE CONTAINERS.

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

Spill Release Procedures: ELIMINATE SOURCES OF IGNITION. WEAR APPROPRIATE PROTECTIVE CLOTHING. SOAK UP WITH CLAY, SAND OR OTHER ABSORBENT MATERIAL. PLACE IN NON-LEAKING CONTAINERS AND SEAL FOR PROPER DISPOSAL.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage

ge Precautions:KEEP AWAY FROM HEAT, SPARKS AND FLAME.
KEEP CONTAINERS CLOSED WHEN NOT IN USE. USE WITH ADEQUATE
VENTILATION.
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION
EXOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER
CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH RESPIRATOR
SELECTION.

Ventilation:LOCAL EXH
AUST AND GENERAL (MECHANICAL) AS REQUIRED TO
MAINTAIN TLV

Protective Gloves:CHEMICAL RESISTANT

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:AS REQUIRED TO MINIMIZE SKIN CONTACT.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT
AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health
AVOID PROLONGED BREATHING OF VAPORS.

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

HCC:V4

Boiling Pt:B.P. Text:355F,179C

Mel

t/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:< 5

Vapor Density:5.4

Spec Gravity:0.770

Evaporation Rate & Reference:< 0.1 (BUTYL ACETATE=1)

Solubility in Water:INSOLUBLE/EMULSIFIES

Appearance and Odor:DEEP RED COLORED LIQUID, HYDROCARBON ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HEAT, FLAME

Hazardous Decomposition Products:CARBON MONOXIDE AND UNIDENTIFIED
ORGAN

IC COMPOUNDS

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

Waste Disposal Methods: PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information 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.