

## **R-501 REMOVER**

### **MSDS Number**

BDBRM

### **National Stock Number**

6850-00-142-8840

### **Product Name**

R-501 REMOVER

### **Manufacturer**

MET L CHEK COMPANY

### **Product Identification**

Product ID:R-501 REMOVER

MSDS Date:10/21/1986

FSC:6850

NIIN:00-142-8840

MSDS Number: BDBRM

### **Responsible Party**

MET-L-CHEK COMPANY

1639 EUCLID ST

SANTA MONICA , CA 90404

US

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

Info Phone: 310-450-1111

Cage: 98733

### **Contractor**

MET-L-CHEK COMPANY

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SANTA MONICA, CA 90404

US

310-450-1111/FAX 310452-4046

Cage: 98733

### **Ingredients**

METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)

CAS: 71-55-6

RTECS: KJ2975000

OSHA PEL350 PPM/450 STEL

ACGIH TLV: 350 PPM/450STEL;9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

ISOBUTANE PROPANE MIXTURE

ACGIH TLV: ASPHYXIANTS

### **Hazards**

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 MILD IRRITATION TO SKIN &  
RESP TRACT SYSTEM  
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

First Aid:INHALATION:REMOVE TO FRESH AIR.GIVE CPR IF  
NEEDED;EYES/SKIN:FLUSH WITH RUNNING WATER FOR ATLEAST 15  
MINUTES.GET MEDICAL HELP IF IRRITATION OCCURS OR PERSISTS;  
INGESTION:IF VICTIM IS CONSCIOUS,DO NOT I NDUCE VOMITING.NOTHING BY  
MOUTH IF UNCONSCIOUS GET MEDICAL ATTENTION.

## Fire Fighting

Flash Point:N/R (AEROSOLS)  
Lower Limits:7.0 (LIQ)  
Upper Limits:15.0 (LIQ)  
Extinguishing Media:CO\*2WATER,DRY CHEMICALS.  
Fire Fighting Procedures:CONTAINERS EXPOSED TO INTENSE HEAT FROM FIRES  
SHOULD BE COOLED WITH WATER SPRAY TO PREVENT VAPOR PRESSURE  
BUILD-UP.USE NIOSH APPRVD SCBA IN CONFINED AREA.  
Unusual Fire/Explosion Hazard:AEROSOL CANS MAY RUPTURE/EXPLODE DUE TO  
VAPOR PRESSURE BUILDUP IF EXPOSED TO INTENSE HEAT.

## Accidental Release

Spill Release Procedures:ELIMINATE IGNITION SORCES.WEAR PROTECTED  
CLOTHING & APPROPRIATE RESPIRATOR.SOAKUP RESIDUE WITH ABSORBENT  
CLAY,SAND,EARTH, OR OTHER MATERIAL.PLACE GAGS & ABSORBED WASTE AND  
DAMAGED BUT EMPTY CANS IN DO T COVERED NON-LEAKING CONTAINERS.

## Handling

Handling and Storage Precautions:STORE AWAY FROM HOT PLACES & IGNITION  
SOURCES.DO NOT STORE OR HANDLING IN ALUMINUM EQUIPMENT AT TEMP  
ABOVE 120F.  
Other Precautions:DURING TRANSFER OF LIQUID IN BULK,GROUND THE HANDLING  
EQUIPMENT.

## Exposure Controls

Respiratory Protection:IF EXPOSURE EXCEEDS TLV,USE NIOSH APPRVD  
RESPIRATOR OR AN ORGANIC VAPOR CHEMICAL CARTRIDGE OR CANISTER TO  
PREVENT OVEREXPOSURE.  
Ventilation:PER MANUFACTURER,PROVIDE LOCAL EXHAUST, OR  
MECHANICAL(GENERAL) VENTILATION TO MAINTAIN TLV.  
Protective Gloves:VITON  
Eye Protection:GOGGLES SPLASHPROOF WHEN HANDLING LIQ  
Other Protective Equipment:EYEWASH FOUNTAINS AND SAFETY SHOWERS.  
Work Hygienic Practices:WASH WITH SOAP AND WATER BEFORE EATING,  
DRINKING,SMOKING OR USING TIOLET FACILITIES.  
Supplemental Safety and Health  
ITEM IS SINGLE UNIT FOR MIL-I-25135,REV D,QPL-25135-15;UNDER OLDER  
VERSIONS OF APL & SPEC,THE NSN WAS OF GROUP I & VIT. UNDER  
AOL-25135,THIS REMOVER ISZ CLASS.

## Chemical Properties

HCC:V2  
NRC/State Lic Num:NOT RELEVANT  
Vapor Density:4.55  
Spec Gravity:0.8 (BULK)  
Evaporation Rate & Reference:0.35 OF LIQ(ETHER=1)  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:LIQUID BEFOR FILLING IN AEROSOL CANS IS CLEAR  
COLORLESS LIQ WITH ETHER-LIKE ODO

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## Stability

Stability Indicator/Materials to Avoid: YES

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Stability Condition to Avoid: HEAT, SPARKS, IGNITION SOURCES

Hazardous Decomposition Products: THERMAL DECOMP PRODUCES PHOSGENE, HCL GASES

## Disposal

Waste Disposal Methods: DISPOSE OF IN A PERMITTED HAZARDOUS WASTE FACILITY. EMPTY AEROSOL CAN BEFORE DISPOSING OF THEM. PRESSURIZED AEROSOL CANS ARE NOT ACCEPTABLE WASTE. COMPLY ALL FEDERAL, STATE & LOCAL REGULATIONS.

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