

## **D-703 DEVELOPER**

### **MSDS Number**

BGSRN

### **National Stock Number**

6850-01-264-8681

### **Product Name**

D-703 DEVELOPER

### **Manufacturer**

MET L CHEK COMPANY

### **Product Identification**

Product ID:D-703 DEVELOPER

MSDS Date:10/21/1986

FSC:6850

NIIN:01-264-8681

MSDS Number: BGSRN

### **Responsible Party**

MET-L-CHEK COMPANY

1639 EUCLID STREET

SANTA MONICA , CA 90404-3770

US

Emergency Phone: 213-450-1111

Info Phone: 213-450-1111

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(AS PROPELLANT)

OSHA PEL1000PPM (PROPANE)

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 & RESPIRATOR SYSTEM.  
 Effects of Overexposure:INHALATION:MAY CAUSE IRRITATION TO NOSE AND RESPIRATORY SYSTEM.EARLY TO MODERATE CNS DEPRESSION MAY BE EVIDENCED BY DIZZINESS,GIDDINESS,HEADACHE,NAUSEA,EYES:VAPOR MAY CAUSE IRRITATION;SKIN:LIQUID CONT ACT MAY IRRITATE MILDLY;INGESTION:SWALLOWING MAY RESULT IN IRRITATION OF THE MOUTH & GI TRACT.  
 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 AT LEAST 15 MINUTES.GET MEDICAL HELP IF IRRITATION OCCURS OR PERSISTS;INGESTION:IF CONSCIOUS,GIVE LARGE AMOUNTS OF WATER.DO NOT INDUCE VOMITING,GET MEDICAL ASSISTANCE.

## Fire Fighting

Flash Point:N/R (AEROSOLS)  
 Lower Limits:7% (LIQ)  
 Upper Limits:15% (LIQ)  
 Extinguishing Media:WATER,CARBON DIOXIDE,DRY CHEMICAL.  
 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

Spill Release Procedures:VENTILATE AREA.ELIMINATE IGNITION SOURCES DEPENDING UPON SPILL AMOUNT/CONDITIONS, WEAR SUITABLE EYE,SKIN & RESPIRATOR PROTECTION;RECOVER SPILLED LIQ W/ABSORBENT SUCH AS SAWDUST/VERMICULITE.SWEEP INTO CLOSED CONTAINERS FOR DISPOSAL.

## Handling

Handling and Storage Precautions:STORE AWAY FROM HOT PLACES & SOURCES OF IGNITION.STORE IN DRY,COOL & VENTILATED AREA.AVOID PHYSICAL DAMAGE TO CANS.STORE ONLY IN PROPERLY LABELED CANS  
 Other Precautions:USE IN WELL VENTILATED AREA.AVOID BREATHING VAPORS.AVOID REPEATED CONTACT WITH SKIN.

## Exposure Controls

Respiratory Protection:NOT NEEDED IN NORMAL CONDITION USE.WHEN NEEDED,USE AN ORGANIC VAPOR CHEMICAL CARTRIDGE OR CANISTER WHEN TLV IS EXCEEDED.  
 Ventilation:GENERAL(MECHANICAL) OR LOCAL EXHAUST RECOMMENDED BY MFR TO MAINTAIN OR TO KEEP BELOW TLV LIMITS.  
 Protective Gloves:CHEMICAL RESISTANT/VITON.  
 Eye Protection:GOGGLES SPLASHPROOF IF HANDLING BULK.  
 Other Protective Equipment:EYE WASH FOUNTAINS AND SAFETY SHOWERS. APRONS TO PREVENT SKIN CONTACT.  
 Work Hygienic Practices:WASH HANDS WITH SOAP AND WATER BEFORE EATING,DRINKING,SMOKING OR USING TOILET FACILITIES.  
 Supplemental Safety and Health  
 NSN FOR TYPE II,FORM D OF MIL-I-25135D; I/A/W  
 QPL-25135-15,D-701,D-703,AND D-70 DEVELOPERS ARE QUALIFIED  
 ITEM;MET-L-CHEK MAY SUPPLY ONE OF THESE DEVELOPERS UNDER THIS  
 NSN.THIS NSN REPLACES 68500016084 80 THIS DATA REPRESENTS D-703 DEVELOPER.

## Chemical Properties

HCC:V3  
 Spec Gravity:1.3-1.32(BULK)  
 Solubility in Water:APPRECIABLE

Appearance and Odor: LIQUID BEFORE FILLING IN AEROSOL CANS IS MILKY WHITE LIQ WITH ETHER-LIKE ODOR.

## Stability

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING MATERIALS.

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

Hazardous Decomposition Products: CARBON MONOXIDE & UNIDENTIFIED ORGANIC COMPOUNDS.

## Disposal

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

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