

## **MALATHION 57-E**

### **MSDS Number**

BFLPL

### **National Stock Number**

6840-00-685-5437

### **Product Name**

MALATHION 57-E

### **Manufacturer**

MILLER CHEMICAL AND FERTILIZER CORP

### **Product Identification**

Product ID: MALATHION 57-E

MSDS Date: 11/22/1985

FSC: 6840

NIIN: 00-685-5437

MSDS Number: BFLPL

### **Responsible Party**

MILLER CHEMICAL & FERTILIZER CORP.

RADIO RD OFF RTE 94

HANOVER, PA 17331

US

Cage: 29057

### **Contractor**

MILLER CHEMICAL AND FERTILIZER CORP

333

HANOVER, PA 17331

US

Cage: 29057

### **Ingredients**

MALATHION (SARA III)

CAS: 121-75-5

RTECS: WM8400000

Fraction By Weight: 57.0%

OSHA PELs, 15 MG/M3

ACGIH TLV: S, 10 MG/M3; 9293

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

AROMATIC PETROLEUM SOLVENT

CAS: 64732-95-6

Fraction By Weight: 33.4%

ACGIH TLV: 245MG/M3 (BY MFR)

### **Hazards**

LD50 LC50 Mixture: LD50 (ORAL)=2375MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:SEE SIGNS & SYMPTOMS OF OVEREXPOSURE.  
Effects of Overexposure:WEAKNESS,HEADACHE,TIGHNESS IN CHEST,BLURRED VISION,NAUSEA,ABDOMINAL CRAMPS,VOMITING. MALATHION IS A CHOLINESTERASE INHIBITOR.  
Medical Cond Aggravated by Exposure:PERSONS WITH RESPIRATORY,LIVER CONDITIONS.

## First Aid

First Aid:EYES:FLUSH WITH WATER FOR AT LEAST 15 MINUTES.CALL DOCTOR IMMEDIATELY.ATROPINE IS ANTIDOTAL;SKIN:REMOVE CONTAMINATED CLOTHING.WASH SKIN WITH SOAP & WATER;INHALATION:REMOVE TO FRESH AIR;INGESTION:SEE DOCTOR IMMEDIATELY.

## Fire Fighting

Flash Point Method:TCC  
Flash Point:114F,45C  
Extinguishing Media:DRY CHEMICAL,CO\*2,FOAM  
Fire Fighting Procedures:WEAR SCBA. COOL FIRE EXPOSED CONTAINERS WITH WATER.  
Unusual Fire/Explosion Hazard:FUMES FROM FIRE ARE HAZARDOUS. SOLVENT VAPORS COULD CAUSE FLASHBACK. EVACUATE PEOPLE DOWNWIND FROM FIRE.

## Accidental Release

Spill Release Procedures:ABSORB SPILLED MATERIAL WITH INERT ABSORBENT SUCH AS SAND.SWEEP UP & PLACE IN A WASTE DISPOSAL CONTAINER.TREAT CONTAMINATED AREA WITH FULL-STRENGTH HOUSEHOLD BLEACH.ABSORB IN INERT MATERIAL & PLACE IN WASTE DISPOSAL CONTAINER.FLUSH AREA WITH WATER.

## Handling

Handling and Storage Precautions:DO NOT STORE NEAR FOOD,FEED OR SEED.DO NOT STORE NEAR SOURCES OF HEAT OR USE NEAR OPEN FLAME.AVOID BREATHING VAPORS.  
Other Precautions:KEEP AWAY FROM CHILDREN.

## Exposure Controls

Respiratory Protection:NIOSH/MSHA-APPROVED ORGANIC VAPOR RESPIRATOR.  
Ventilation:LOCAL EXHAUST PREFERRED.  
Protective Gloves:RUBBER OR NEOPRENE  
Eye Protection:GOGGLES  
Other Protective Equipment:CLEAN,BODY COVERING CLOTHING  
Work Hygienic Practices:SHOWER & LAUNDER CLOTHING IMMEDIATELY AFTER HANDLING.  
Supplemental Safety and Health

## Chemical Properties

HCC:F5  
Melt/Freeze Pt:M.P/F.P Text:37F,3C  
Spec Gravity:1.061  
Solubility in Water:EMULSIFIES  
Appearance and Odor:GOLD COLORED LIQUID. MILD MERCAPTAN ODOR

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG ALKALIES & OXIDIZERS. ATTACKS IRON,LEAD,STEEL AND COPPER.  
Stability Condition to Avoid:DECOMPOSES AT HIGH TEMPERATURES.  
Hazardous Decomposition Products:CO,CO\*2,SO\*2,P\*4O\*6,H\*2S,OTHER ORGANIC PRODUCTS.

## Disposal

Waste Disposal Methods:DISPOSE OF CONTAINERS & WASTE IAW ALL APPLICABLE FEDERAL,STATE & LOCAL REGULATIONS.

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