

## **14470,TOLUENE**

### **MSDS Number**

BDCMP

### **National Stock Number**

6810-00-148-8300

### **Product Name**

14470,TOLUENE

### **Manufacturer**

HACH COMPANY

### **Product Identification**

Product ID:14470,TOLUENE

MSDS Date:01/01/1985

FSC:6810

NIIN:00-148-8300

MSDS Number: BDCMP

### **Responsible Party**

HACH COMPANY

100 DAYTON RD.

AMES , IA 50010-6402

US

Emergency Phone: 515-232-2533

Info Phone: 800-227-4224

Cage: 4T252

### **Contractor**

HACH COMPANY

907

AMES, IA 50010

US

800-227-4224

Cage: 4T252

### **Ingredients**

TOLUENE (SARA III)

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 100%

OSHA PEL200 PPM/150 STEL

ACGIH TLV: 50 PPM; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

### **Hazards**

Effects of Overexposure:IRRITATES EYES & UPPER RESPIRATORY  
TRACT,DIZZINESS,HEADACHE,ANESTHESIA,RESPIRATORY ARREST,COUGHING.

### **First Aid**

First Aid: INHAL: FRESH AIR, REST, & CALL A DR. SKIN: REMOVE CONTAMINATED CLOTHES, RINSE SKIN W/ PLENTY OF WATER OR SHOWER. EYES: FIRST RINSE WITH WATER, SEE DR. INGEST: RINSE MOUTH, GIVE PLENTY OF WATER TO DRINK. DO NOT INDUCE VOMITING & SEE DR.

## Fire Fighting

Flash Point: 40F CC  
Lower Limits: 1.2  
Upper Limits: 7.1  
Extinguishing Media: CO<sub>2</sub>, FOAM, DRY CHEMICAL, AFFF, HALONS  
Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS, COOL CONTAINERS W/ H<sub>2</sub>O  
Unusual Fire/Explosion Hazard: MAY FLASHBACK FROM SOURCE OF IGNITION, MAY EXPLODE IF IGNITED IN AN ENCLOSED AREA.

## Accidental Release

Spill Release Procedures: COLLECT LEAKING LIQUID IN SEALABLE CONTAINERS, ABSORB SPILLED LIQUID IN SAND OR INERT ABSORBENT & REMOVE TO SAFE PLACE (USE SELF-CONTAINED BREATHING APPARATUS FOR EXTRA PERSONAL PROTECTION). STOP LEAK IF W/O RISK.

## Handling

Handling and Storage Precautions: WASH THOROUGHLY AFTER HANDLING. AVOID CONTACT WITH EYES, SKIN & CLOTHING. DO NOT BREATHE VAPORS. KEEP AWAY FROM HEAT, SPARKS, & OPEN FLAME.  
Other Precautions: KEEP AWAY FROM OXIDIZERS. PROTECT CONTAINERS AGAINST PHYSICAL DAMAGE. DO NOT INGEST CHEMICAL. DO NOT EMPTY INTO DRAINS. TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.

## Exposure Controls

Respiratory Protection: ORGANIC VAPOR MASK-P & P, FUME HOOD  
Ventilation: LOCAL EXHAUST  
Protective Gloves: RUBBER-P & P  
Eye Protection: GOGGLES, P & P  
Other Protective Equipment: LAB COAT-P & P  
Supplemental Safety and Health

## Chemical Properties

HCC: F2  
Boiling Pt: 110.6C, 231.F  
Vapor Pres: 22  
Vapor Density: 3.1  
Spec Gravity: 0.866  
Solubility in Water: NEGLIGIBLE  
Appearance and Odor: COLORLESS LIQUID

## Stability

Stability Indicator/Materials to Avoid: YES  
OXIDIZERS, ACIDS (NITRIC), NITROGEN TETROXIDE, SILVER PERCHLORATE  
Hazardous Decomposition Products: COX FUMES

## Disposal

Waste Disposal Methods: SPRAY INTO A FURNACE IAW FEDERAL, STATE & LOCAL REGS. INCINERATION WILL BECOME EASIER BY MIXING WITH A MORE FLAMMABLE SOLVENT.

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