

## **M.T.E. 4 CONCENTRATED**

### **MSDS Number**

BTHRB

### **National Stock Number**

6505-00D030019

### **Product Name**

M.T.E. 4 CONCENTRATED

### **Manufacturer**

FUJISAWA USA INC

### **Product Identification**

Product ID:M.T.E. 4 CONCENTRATED

MSDS Date:01/01/1994

FSC:6505

NIIN:00D030019

MSDS Number: BTHRB

### **Responsible Party**

FUJISAWA USA, INC.

3 PARKWAY NORTH

DEERFIELD , IL 60015-2548

US

Emergency Phone: 708-317-8800 OR 800-888-7703

Info Phone: 708-317-8800 708-317-8202

Preparer: CHRISTINA J.BARRINGTON

Cage: 0K706

### **Contractor**

FUJISAWA USA, INC.

DEERFIELD, IL 60015-2548

US

708-317-0800 OR 800-888-7704

Cage: 0K706

### **Ingredients**

CHROMIC CHLORIDE (SARA III);CONC=10UG/ML

CAS: 10025-73-7

RTECS: GB5425000

OSHA PEL0.1 MG (CRO3)/M3

ACGIH TLV: 0.05 MG/M3; 9394

COPPER SULFATE;CONC=1MG/ML

CAS: 7758-99-8

RTECS: GL8900000

OSHA PEL1 MG/M3 (CU DUST)

ACGIH TLV: 1 MG/M3 (CU DUST)

MANGANESE SULFATE;CONC=0.5MG/ML

CAS: 7785-87-7

RTECS: OP1050000

WATER

CAS: 7732-18-5

RTECS: ZC0110000

BUFFERING AGENTS

ZINC SULFATE (SARA III);CONC=5MG/ML

CAS: 7733-02-0

RTECS: ZH5260000

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

BENZYL ALCOHOL

CAS: 100-51-6

RTECS: DN3150000

Fraction By Weight: 0.9%

## Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:THIS ITEM IS A STERILE SOLUTION FOR INJECTION.SKIN:MAY CAUSE IRRITATION.POSSIBLE ABSORPTION.EYES:MAY CAUSE IRRITATION.INHAL:POWDER MAY CAUSE RESPIRATORY IRRITATION.  
Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.  
Effects of Overexposure:EYE/SKIN/RESPIRATORY IRRITATION.  
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN AND RESPIRATORY AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE.

## First Aid

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR CARDIOPULMONARY RESCUSITATION IF NEEDED.INGEST:GET PROMPT QUALIFIED MEDICAL ATTENTION.WASH MOUTH OUT WITH WATERAS SOON AS POSSIBLE.FOR ADVERSE DRUG REACTIONS,CALL 708-317-5937.

## Fire Fighting

Flash Point:>200F,>93C  
Extinguishing Media:WATER SPRAY,DRY CHEMICAL,CARBON DIOXIDE,FOAM.  
Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.  
Unusual Fire/Explosion Hazard:FIRE CONDITIONS MAY EVOLVE TOXIC FUMES.

## Accidental Release

Spill Release Procedures:USE PROPER PROTECTIVE EQUIPMENT.USE ABSORBANT TOWELS TO CLEAN UP SPILL;PLACE WASTE IN AN APPROPRIATE LABELED CONTAINER FOR DISPOSAL.WIPE SURFACES CLEAN;WASH WITH SOAP AND WATER.  
Neutralizing Agent:NONE

---

## Handling

Handling and Storage Precautions: AVOID INHALATION OF DUST/FUMES.

Other Precautions: NONE

## Exposure Controls

Respiratory Protection: USE WITH ADEQUATE VENTILATION.

Ventilation: LOCAL VENTILATION AT THE WORKSITE; MECHANICAL (GENERAL) VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves: LATEX, DISPOSABLE

Eye Protection: SAFETY GLASSES OR GOGGLES.

Other Protective Equipment: DISPOSABLE GARMENTS IF SKIN CONTACT IS ANTICIPATED. PROVIDE LOCAL EYE WASH STATION.

Work Hygienic Practices: USE REASONABLE CARE IN HANDLING THIS ITEM.

Supplemental Safety and Health

NONE

## Chemical Properties

HCC: N1

pH: 1.5-2

Solubility in Water: COMPLETE

Appearance and Odor: STERILE LIQUID (SOLUTION); CLEAR; ODORLESS

## Stability

Stability Indicator/Materials to Avoid: YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid: PROTECT FROM FREEZING.

Hazardous Decomposition Products: OXIDES OF SULFUR, SMOKE.

## Disposal

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH 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.