



## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Trade Name:** MECT-WS-1  
**Chemical description/Application:** MECT-WS-1  
**Supplier:** Multi-Chem Production Chemicals®  
 5301 Knickerbocker Road Suite #200  
 San Angelo, TX 76904  
 1 325 223 6200  
**Emergency Telephone:** 1 800 535 5035  
 1 352 323 3500 (Outside United States)

## 2. HAZARDS IDENTIFICATION

This product is an oil soluble, clear yellow liquid with a strong organic odor. Irritating to eyes and skin, ingestion of excessive doses may cause gastrointestinal distress, irritation and possible nausea. Toxic by inhalation. Avoid inhalation of dust. Toxic if swallowed. Corrosive to eyes and skin. Sensitizer.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Name                                 | EINECS No | CAS No   | Content |
|--------------------------------------|-----------|----------|---------|
| Diethylene glycol monomethyl ether   |           | 111-77-3 | 3-4%    |
| Particulates not otherwise regulated |           |          | 65%     |

## 4. FIRST AID MEASURES

### Inhalation

If exposure by inhalation is suspected, immediately move exposed individual to fresh air. Oxygen may be administered if breathing is difficult. If individual experiences nausea, headache, dizziness, has difficulty in breathing seek a health care professional immediately.

### Skin Contact

Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

### Eye Contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention immediately.

### Ingestion

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS. Immediately rinse mouth with water. Do not induce vomiting. Seek medical attention immediately.

## 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

Foam, carbon dioxide, dry chemical. Water spray may be used to keep fire-exposed containers cool.

### Special Fire Fighting Procedures

Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

### Products of Combustion

Oxides of Carbon, Nitrogen, May produce toxic organic vapors

### Unusual Fire and Explosion Hazards

N/A



## 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions

Wear protective PPE as described in Section 8; remove sources of ignition; avoid contact with skin and eyes.

### Environmental Precautions

Do not discharge into drains, water courses or onto the ground.

### Spill Clean-Up Procedure

Absorb spillage with suitable absorbent material. Transfer liquid to salvage tank if possible, absorb residues and sweep into suitable containers for waste disposal. Flush area clean with lots of water.

## 7. HANDLING AND STORAGE

### Usage Precautions

Avoid contact with skin and eyes. Prevent accidental ingestion or inhalation.

### Storage Precautions

Store in tightly closed original container in cool temperatures and well ventilated areas. Keep away from heat, sparks and flame. Keep away from incompatibles. Ground container equipment and personnel before handling product.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Standards

*Particulates Not Otherwise Regulated*

OSHA TWA 5 mg/m<sup>3</sup> Form: Respirable

### Engineering Measures

Use local exhaust to control mists or vapors. Additional ventilation or exhaust may be required to maintain air concentrations below recommended exposure limits. Use explosion proof equipment.

### Respiratory Equipment

Type approved RPE for organic vapors and mists if required.

### Hand Protection

Impermeable gloves, change regularly to avoid permeation problems.

### Eye Protection

Wear goggles/face shield.

### Other Protection

Wear suitable protective clothing as protecting against splashing or contamination

### Hygiene Measures

Promptly remove any clothing that becomes contaminated. Always wash thoroughly after handling chemicals.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                         |                     |                   |                        |
|-------------------------|---------------------|-------------------|------------------------|
| <u>Appearance</u>       | Light yellow liquid | <u>Odor</u>       | Slight organic         |
| <u>Specific Gravity</u> | ND                  | <u>Solubility</u> | Water soluble          |
| <u>Flash Point</u>      | >200°F              | <u>Pour Point</u> | ND                     |
| <u>pH Value</u>         | ND                  | <u>Density</u>    | 1.03 g/cm <sup>3</sup> |



## 10. STABILITY AND REACTIVITY

### Stability

Normally stable. Do not heat and/or store above 50C.

### Materials to Avoid

Avoid oxidizing agents, strong acids, strong bases

### Hazardous Decomposition Products

Cyanide salts are formed with product contacts strong alkali. Thermal decomposition of produce can produce toxic vapors of hydrogen cyanide and sulfur dioxide. Contact with fire may generate oxides of sulfur, nitrogen and carbon.

### Hazardous Polymerization

Not expected to occur.

## 11. TOXICOLOGICAL INFORMATION

None available

## 12. ECOLOGICAL INFORMATION

None available

## 13. DISPOSAL CONSIDERATIONS

### Substance

Dispose of waste and residue in accordance with local authority requirements.

### Container

As a substance. Used containers must not be cut up or punctured until completely purged of product residues.

## 14. TRANSPORT INFORMATION

|                                     |  |
|-------------------------------------|--|
| <b>Emergency Response Guidebook</b> | 154  |
| <b>DOT Non-Bulk Shipping Name</b>   | Corrosive solid, toxic, N.O.S. (2-(Thiocyanomethylthio) benzothiazole, Methylene bis(thiocyanate)), Class 8(6.1), UN2923, PG-III |
| <b>DOT Bulk Shipping Name</b>       | Corrosive solid, toxic, N.O.S. (2-(Thiocyanomethylthio) benzothiazole, Methylene bis(thiocyanate)), Class 8(6.1), UN2923, PG-III |
| <b>DOT Label(s)</b>                 | Corrosive  |
| <b>IATA Classification</b>          | Corrosive solid, toxic, N.O.S. (2-(Thiocyanomethylthio) benzothiazole, Methylene bis(thiocyanate)), Class 8(6.1), UN2923, PG-III |
| <b>IATA Label(s)</b>                | Corrosive  |
| <b>IMDG Classification</b>          | Corrosive solid, toxic, N.O.S. (2-(Thiocyanomethylthio) benzothiazole, Methylene bis(thiocyanate)), Class 8(6.1), UN2923, PG-III |
| <b>IMDG Label(s)</b>                | Corrosive  |
| <b>Marine Pollutant</b>             | Yes  |



## 15. REGULATORY INFORMATION

### DOT/CERCLA Reportable Quantity

SARA SECTION 313: This product does not contain any substances subject to the reporting requirements of sections 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

|                                |        |          |              |          |            |          |
|--------------------------------|--------|----------|--------------|----------|------------|----------|
| <b><u>HMIS/NPCA Rating</u></b> | Health | <b>3</b> | Flammability | <b>1</b> | Reactivity | <b>1</b> |
| <b><u>NFPA Ratings</u></b>     | Health | <b>3</b> | Flammability | <b>1</b> | Reactivity | <b>1</b> |

## 16. OTHER INFORMATION

**Revision Date** 23-Oct-07

### **Disclaimer**

This product's safety information is provided to assist our customers in assessing compliance with health, safety and environmental regulations. The information contained herein is based on data available to us and is believed to be accurate, although the company in this respect provides no guarantee or warranty. Since the use of this product is within the exclusive control of the user, it is the user's obligation to determine the conditions of safe use of this product. Such conditions should comply with all federal regulations concerning the product.

This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.