



# Safety Data Sheet

## 1. Product and Company Identification

**Product Name:** EQ-MW  
**Chemical Formula:** C  
**CAS#:** 7782-40-3

**Contact Information:** MTI Corporation  
 860 South 19<sup>th</sup> Street  
 Richmond, CA 94804, USA  
 Tel: 510-525-3070  
 Fax: 510-525-4705  
 Email: [info@mtixtl.com](mailto:info@mtixtl.com)  
 Website: [www.mtixtl.com](http://www.mtixtl.com)

**Non-emergency assistance:** 1-888-525-3070

**Emergency assistance:** Company: CHEMTEL (MTI Contract# MIS2559467) Day or Night  
 Tel (Within USA and Canada): 1-800-255-3924  
 Tel (Outside USA and Canada): 1-813-248-0585

## 2. Hazards Identification


### Emergency Overview: GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Acute toxicity (Category 4), H302

Skin irritation (Category 2), H315

Eye irritation (Category 2A), H319

### GHS Label elements, including precautionary statements

Pictogram	
Signal	Warning
Hazard statement(s)	
H302	Harmful if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
Precautionary statement(s)	
P264	Wash skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves/ eye protection/ face protection.
P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.
P337 + P313	If eye irritation persists: Get medical advice/ attention.
P362 + P364	Take off contaminated clothing and wash it before reuse.

### Hazards not otherwise classified (HNOC) or not covered by GHS

None



### 3. Composition/Information on Ingredients

Substance Name	Diamond
Formula	C
Molecular Weight	12.01 g/mol
CAS-No.	7782-40-3

**Hazardous Components**

Component	Classification	Concentration
Diamond	Acute tox. 4; Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3; H315, H319	< 25.0%
Proprietary Compound		

### 4. First Aid Measures

**4.1 Description of first aid measures****General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance.

**If inhaled**

If breathed in, move person into fresh air. Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen.

**In case of skin contact**

Wash off with soap and plenty of water. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists. Wash clothing before reuse.

**In case of eye contact**

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water. Get medical aid if irritation or symptoms occur.

**Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

**4.2 Indication of any immediate medical attention and special treatment needed**

No data available

### 5. Firefighting Measures

**5.1 Extinguishing media****Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**5.2 Special hazards arising from the substance mixture**

No data available

**5.3 Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

**5.4 Further Information**

No data available.

### 6. Accidental Release Measures

**6.1 Personal precautions, protective equipment and emergency procedures**

Avoid breathing vapors, mist or gas. For personal protection see section 8

For personal protection see section 8.

**6.2 Environmental precautions**

Do not let product enter drains.

**6.3 Methods and materials for containment and cleaning up**

Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation.

**6.4 Reference to other sections**

For disposal see section 13.

## 7. Handling and Storage

**7.1 Precautions for safe handling**

For precautions see section 2. Wash thoroughly after handling. Wash hands before eating. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Normal measures for preventive fire protection. Avoid contact with skin and eyes.

**7.2 Conditions for safe storage, including any incompatibilities**

Keep container tightly closed in a dry and well-ventilated place. Store in a cool, dry, well-ventilated area away from incompatible substances.

**7.3 Specific end use(s)**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

## 8. Exposure Control/ Personal Protection

**8.1 Control parameters****Components with workplace control parameters**

Contains no substances with occupational exposure limit values

**8.2 Exposure controls****Appropriate engineering controls**

Handle in accordance with good industrial hygiene and safety practice.

**Personal protective equipment****Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Body Protection**

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

Respirator protection is not required. Where protection from nuisance levels of dusts are desired, use type n95 (US) or type P1 (EN143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Control of environmental exposure**

No special environmental precautions required.

## 9. Physical and Chemical Properties

**9.1 Information on basic physical and chemical properties**

a) Appearance	Paste
b) Odor	No data available
c) Odor Threshold	No data available
d) pH	No data available



e) Melting point/freezing point	No data available
f) Initial boiling point and boiling range	200 °C (392 °F)
g) Flash point	No data available
h) Evaporation rate	Not applicable
i) Flammability (solid, gas)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapor pressure	No data available
l) Vapor density	No data available
m) Relative density	1.13 g/mL at 25 °C (77 °F)
n) Water solubility	No data available
o) Partition coefficient: n-octanol/water	No data available
p) Auto-ignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidizing properties	No data available
<b>9.2 Other safety information</b>	
No data available	

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## 10. Stability and Reactivity

- 10.1 Reactivity**  
No data available
- 10.2 Chemical stability**  
Stable under recommended storage conditions.
- 10.3 Possibility of hazardous reactions**  
No data available.
- 10.4 Conditions to avoid**  
Strong oxidants, dust generation
- 10.5 Incompatible materials**  
Strong bases, strong oxidizing agents, strong oxidizers
- 10.6 Hazardous decomposition products**  
Other decomposition products - No data available  
In the event of fire: see section 5

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## 11. Toxicological Information

- 11.1 Information on toxicological effects**
  - Acute toxicity**  
No data available  
Inhalation: No data available  
Dermal: No data available
  - Skin corrosion/irritation**  
No data available
  - Serious eye damage/eye irritation**  
No data available
  - Respiratory or skin sensitization**  
No data available
  - Germ cell mutagenicity**  
No data available
  - Carcinogenicity**  
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.



NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**Reproductive toxicity**

No data available

**Specific target organ toxicity - single exposure**

No data available

**Specific target organ toxicity - repeated exposure**

No data available

**Aspiration hazard**

No data available

**Additional Information**

RTECS: Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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## 12. Ecological Information

**12.1 Toxicity**

No data available

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment PBT/vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**12.6 Other adverse effects**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life with long lasting effects.

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## 13. Disposal Considerations

**13.1 Waste treatment methods**

**Product**

Offer surplus and non-recyclable solutions to a licensed disposal company

**Contaminated packaging**

Dispose of as unused product.

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## 14. Transport Information

**DOT (US)**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods



## 15. Regulatory Information

### SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

### SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

### SARA 311/312 Hazards

No SARA Hazards

### Massachusetts Right to Know Components

Diamond

CAS-No.

7782-40-3

Revision Date

### Pennsylvania Right to Know Components

Diamond

CAS-No.

7782-40-3

Revision Date

### New Jersey Right to Know Components

Diamond

CAS-No.

7782-40-3

Revision Date

### California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

## 16. Other Information

The information above is believed to be accurate and represents the best information currently available to us. However, it does not represent any guarantee of the properties of the product. We make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we shall not be held liable for any damage resulting from handling or from contact with the above product. Users should make their own investigations to determine the suitability of the information for their particular purposes.