



# Safety Data Sheet

## 1. Product and Company Identification

<b>1.1</b>	<b>Product Name:</b>	Carboxymethylcellulose sodium
	<b>Product Number:</b>	EQ-Lib-CMC
	<b>CAS#:</b>	9004-32-4
<b>1.2</b>	<b>Identified uses:</b>	Research, Laboratory chemicals
<b>1.3</b>	<b>Contact Information:</b>	MTI Corporation 860 South 19 <sup>th</sup> Street Richmond, CA 94804, USA Tel: 510-525-3070 Fax: 510-525-4705 Email: <a href="mailto:info@mtixtl.com">info@mtixtl.com</a> Website: <a href="http://www.mtixtl.com">www.mtixtl.com</a>
<b>1.4</b>	<b>Non-emergency assistance:</b>	1-888-525-3070
	<b>Emergency assistance:</b>	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

Signal Word                      None

Hazard statement(s)

H402                                Harmful to aquatic life  
H412                                Harmful to aquatic life with long lasting effects

Precautionary Statement(s)

P273                                Avoid release to the environment.  
P501                                Dispose of contents/ container to an approved waste disposal plant

HMIS Health Ratings (0-4):

Health                              0  
Flammability                      0  
Physical                             0

NFPA Rating

Health Hazard                    0  
Fire Hazard                        0  
Reactivity Hazard                0



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### 3. Composition/Information on Ingredients

**Synonyms:** Carboxymethylcellulosesodium salt  
Sodium carboxymethylcellulose

**CAS-No.:** 9004-32-4

**EC-No.:** N/A

According to OSHA criteria, no ingredients are hazardous.

No components need to be disclosed according to the applicable regulations.

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### 4. First Aid Measures

**General Treatment:** Consult a physician. Show this safety data sheet to the doctor in attendance.

**Eye Contact:** Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

**Skin Contact:** Wash skin with soap and water. If skin irritation persists, call a physician.

**Inhalation:** move to fresh air.

**Ingestion:** Drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician if necessary.

**Special Treatment:** None

**Important Symptoms:** None

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### 5. Firefighting Measures

**Extinguishing Media:** Dry powder. Carbon dioxide (CO<sub>2</sub>). Foam. Water. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Specific Hazards arising from the chemical:**

Carbon oxides, Sodium oxides

**Protective Equipment and Precautions for Firefighters:**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

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### 6. Accidental Release Measures

**Personal Precautions:** Use personal protective equipment. Avoided dust formation and avoid breathing vapours, mist, gas and dust. Ensure adequate ventilation.

**Environmental Precautions:** Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Discharge into the environment must be avoided.

**Methods for containment:** prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up:** Take up mechanically and collect in suitable container for disposal.

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### 7. Handling and Storage

**Handling conditions:** wear personal protective equipment. Ensure adequate ventilation where dust is formed. Normal measures for preventive fire protection.

**Storage conditions:** keep container tightly closed in dry and well-ventilated place.



Keep in a dry place.

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## 8. Exposure Control/ Personal Protection

Exposure Guidelines:	This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
Engineering Measures:	Showers Eyewash stations Ventilation systems
Protective Gloves:	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.
Eye Protection:	Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).
Respiratory Protection:	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.
Body Protection:	Protective work clothing. Wear close-toed shoes and long sleeves/pants.

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## 9. Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

a) Appearance	White Form: powder
b) Odor	Odorless
c) Odor Threshold	No data available
d) pH	6.5~8.5
e) Boiling Range/Boiling Range	No data available
f) Melting Point/Range	No data available
g) Flash point	No data available
h) Evaporation rate	No data available
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) Specific Gravity	No data available
n) Water solubility	Soluble
Solubility in other solvents	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) Flammable Properties	No data available
t) Explosive properties	No data available
u) Oxidizing properties	No data available

### 9.2 Other safety information



No data available

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## 10. Stability and Reactivity

Stability:	Stable under recommended storage conditions
Reacts With:	No data available
Possibility of Hazardous Reactions:	No data available
Conditions to Avoid:	Incompatible products
Hazardous Decomposition Products:	Other decomposition products – no data available See section 5 in the event of fire.

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## 11. Toxicological Information

Acute toxicity:	LD50 Oral – rat – 27,000 mg/kg Inhalation: no data available LD50 Dermal – rabbit -> 2,000 mg/kg No data available
Potential Health Effects:	
Eyes:	No data available
Skin:	No data available
Ingestion	No data available
Signs & Symptoms:	No information available.
Aggravated Medical Conditions:	No information available.
Carcinogen:	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 ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. 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
Additional Information	RTECS: Not available

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## 12. Ecological Information

The environmental impact of this product has not been fully investigated.	
Toxicity to fish:	LC50 – Oncorhynchus mykiss (rainbow trout) – 100 – 1,000 mg/l – 96h
Toxicity to daphnia and other aquatic invertebrates	EC50 – Daphnia – 87.26 mg/l 48h
Persistence and Degradability:	No information available.
Bioaccumulation:	No information available.
Other Adverse Effects:	No information available.
Mobility in Soil:	No data available

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## 13. Disposal Considerations

Waste treatment methods:	
Product	offer surplus and non-recyclable solution to a licensed disposal company
Contaminated packaging	Dispose of as unused product.



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## 14. Transport Information

DOT:	Not dangerous goods
IMDG	Not dangerous goods
IATA	Not dangerous goods

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## 15. Regulatory Information

### SARA 302 Components

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

### Sara 313 Components

SARA 313: 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

No components are subject to the Massachusetts Right to Know Act.

### Pennsylvania Right To Know Components

	CAS-No.
Carboxymethylcellulose sodium salt	9004-32-4

### New Jersey Right To Know Components

	CAS-No.
Carboxymethylcellulose sodium salt	9004-32-4

### 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.

### Further 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.