



6299 Route 9N  
Hadley, NY 12835  
Phone (518) 696-9900  
(800) 848-0658  
Fax (518) 696-9997

## **SAFETY DATA SHEET**

---

### **SECTION 1 - IDENTIFICATION**

---

*CHEMICAL NAME:* Carboxymethyl cellulose sodium salt  
*TRADE NAME:* Sodium Carboxymethyl Cellulose, CMC  
*FORMULA:*  $(C_6H_9O_5 CH_2COONa)_n$   
*USE:* Food, Pharmaceutical or Industrial  
*SUPPLIER:* AEP Colloids Division of Sarcom Inc. 6299 Route 9N Hadley, N.Y. 12835

*Emergency/Information Telephone:* (518) 696-9900  
*National Poison Control Center (any day/time):* (412) 681-6669

---

### **SECTION 2 - HEALTH HAZARD INFORMATION**

---

*PRIMARY ROUTE OF ENTRY:* Inhalation, eye and skin contact  
*SYMPTOMS AND EFFECTS OF ACUTE OVEREXPOSURE:*  
Inhalation of the dust and eye contact may cause irritation.  
May be irritating to the skin of a sensitive person.

*CHRONIC OVEREXPOSURE:* Same as above.  
*MEDICAL CONDITIONS GENERALLY AGGRAVATED BY THIS MATERIAL:* None  
*OSHA HAZARDS:* No know OSHA hazards. Not a dangerous substance according to GHS

**HMIS (U.S.A.):**  
**Health Hazard:** 1  
**Fire Hazard:** 1  
**Reactivity:** 0

**National Fire Protection Association (U.S.A.):**  
**Health:** 1  
**Flammability:** 1  
**Reactivity:** 0

**Protective Equipment:**  
Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Safety glasses.

---

### **SECTION 3 – COMPOSITION**

---

*Sodium Carboxymethyl Cellulose is derived from cellulose and used as a thickening agent in various applications.*  
*CAS NO.* 9004-32-4



# Technical Data

6299 Route 9N  
Hadley, NY 12835  
Phone (518) 696-9900  
(800) 848-0658  
Fax (518) 696-9997

---

## **SECTION 4 - EMERGENCY AND FIRST AID PROCEDURES**

---

**EYE CONTACT:** Flush eyes with large volume of water.

**SKIN CONTACT:** Wash with warm water and mild soap.

**INHALATION:** Remove from exposure.

**NOTE:** If irritation persists, consult physician.

---

## **SECTION 5 - FIRE AND EXPLOSION HAZARD DATA**

---

**FLASH POINT:** Not determined

**EXTINGUISHING MEDIA:** Water, Carbon Dioxide, Foam.

**SPECIAL FIREFIGHTING PROCEDURES:** Fire fighters should wear full protective clothing, including self-contained breathing equipment.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** A potential dust explosion hazard exists if the dust concentration in the air is high.

---

## **SECTION 6 – ACCIDENTAL RELEASE MEASURES**

---

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Dry Powder - Sweep up or vacuum promptly and put into a disposable container. Wet material becomes slippery. Wash with water solution or apply absorbent material, sweep up and wash area.

---

## **SECTION 7 - HANDLING AND STORAGE**

---

**PRECAUTIONS FOR HANDLING AND STORAGE:** Store in dry place. Keep container closed to avoid moisture pick-up. Practice reasonable care and cleanliness.

---

## **SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

---

**ENGINEERING:** Use local exhaust ventilation to maintain minimal exposure to nuisance dust.

**PERSONAL PROTECTIVE EQUIPMENT:** Use approved respirator if dust becomes a nuisance.

**ENGINEERING:** Use local exhaust ventilation to maintain minimal exposure to nuisance dust.

**PERSONAL PROTECTIVE EQUIPMENT:** Use approved respirator if dust becomes a nuisance.



# Technical Data

6299 Route 9N  
Hadley, NY 12835  
Phone (518) 696-9900  
(800) 848-0658  
Fax (518) 696-9997

---

## SECTION 9 - PHYSICAL/CHEMICAL CHARACTERISTICS

---

*APPEARANCE:* White to off white, powder  
*ODOR:* No distinguishable odor.  
*ODOR THRESHOLD:* No applicable information is available  
*PH:* *Varies with grade*  
*MELTINGPOINT/FREEZING POINT:* No applicable information is available  
*INITIAL BOILING POINT AND BOILING POINT RANGE:* No applicable information is available  
*FLASH POINT:* No applicable information is available  
*EVAPORATION RATE:* No applicable information is available  
*FLAMMABILITY:* No applicable information is available  
*UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:*  
*VAPOR PRESSURE:* No applicable information is available  
*RELATIVE DENSITY:* No applicable information is available  
*SOLUBILITY:* *Cold*  
*PARTITION COEFFICIENT:* No applicable information is available  
*AUTO-IGNITION TEMPERATURE:* A potential dust explosion hazard exists if high concentration of dust  
*DECOMPOSITION TEMPERATURE:* No applicable information is available  
*VISCOSITY:* *Varies with grade*  
*REACTIVITY:* *Stable*  
*CHEMICAL STABILITY:* *Stable*  
*POSSIBILITY OF HAZARDOUS REACTIONS:* Will not occur.  
*CONDITIONS TO AVOID:* Water, product will become slippery  
*INCOMPATIBLE MATERIALS:* Strong oxidizers.  
*HAZARDOUS DECOMPOSITION PRODUCTS:* Carbon Dioxide, Carbon Monoxide.

---

## SECTION 10 - REACTIVITY DATA

---

*STABILITY:* Stable  
*MATERIALS TO AVOID:* Strong oxidizers.  
*CONDITIONS TO AVOID:* Water, product will become slippery  
*HAZARDOUS DECOMPOSITION PRODUCTS:* Carbon Dioxide, Carbon Monoxide.  
*HAZARDOUS POLYMERIZATION:* Will not occur.

---

## SECTION 11 - TOXICOLOGICAL INFORMATION

---

*ROUTES OF ENTRY:* Inhalation. Ingestion.  
*TOXICITY TO ANIMALS:* Oral (LD50): 27,000 mg/kg [Rat]  
Dermal (LD50): >2,000 mg/kg [Rabbit]  
*CHRONIC EFFECTS ON HUMANS:* Not available.  
*OTHER TOXIC EFFECTS ON HUMANS:* Not available.



# Technical Data

6299 Route 9N  
Hadley, NY 12835  
Phone (518) 696-9900  
(800) 848-0658  
Fax (518) 696-9997

*SPECIAL REMARKS ON TOXICITY TO ANIMALS:* Not available.  
*SPECIAL REMARKS ON CHRONIC EFFECTS ON HUMANS:* Not available.  
*SPECIAL REMARKS ON OTHER TOXIC EFFECTS ON HUMANS:*

Acute Potential Health Effects:

Skin: Not available.

Eyes: Not available.

Inhalation: May cause respiratory tract irritation. Low hazard for usual handling.

Ingestion: Not available.

---

## SECTION 12 – ECOLOGICAL INFORMATION

---

*TOXICITY:*

Toxicity to fish: LC50-rainbow trout- 100-1,000 mg/ml-96h

Toxicity to daphnia EC50-Daphnia-87.26mg/l-48h

*PRODUCTS OF BIODEGRADATION:* Not available.

*TOXICITY OF THE PRODUCTS OF BIODEGRADATION:* Not available.

*SPECIAL REMARKS ON THE PRODUCTS OF BIODEGRADATION:* Not available.

*OTHER EFFECTS:* Harmful to aquatic life.

---

## SECTION 13 – DISPOSAL CONSIDERATIONS

---

*WASTE DISPOSAL METHODS:* Dispose in accordance with local regulations.

---

## SECTION 14 – TRANSPORTATION INFORMATION

---

LAND TRANSPORT	GOODS NOT DANGEROUS IN THESE REGULATIONS
INLAND NAVIGATION TRANSPORT	GOODS NOT DANGEROUS IN THESE REGULATIONS
SEA SHIPPING TRANSPORT	GOODS NOT DANGEROUS IN THESE REGULATIONS
AIR TRANSPORT	GOODS NOT DANGEROUS IN THESE REGULATIONS

---

## SECTION 15 – REGULATORY INFORMATION

---

### OSHA Hazards

No known OSHA hazards

### 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.



# Technical Data

6299 Route 9N  
Hadley, NY 12835  
Phone (518) 696-9900  
(800) 848-0658  
Fax (518) 696-9997

## **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**

Carboxymethyl cellulose sodium salt

CAS-No.

9004-32-4

Revision Date

## **New Jersey Right To Know Components**

Carboxymethyl cellulose sodium salt

CAS-No.

9004-32-4

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.

---

## **SECTION 16 – OTHER INFORMATION**

---

REVIEWED: January 2019