



# MATERIAL SAFETY DATA SHEET



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### CARBOXYMETHYL CELLULOSE

#### **Section 1: Chemical Product Identification**

**Product Name:** CARBOXYMETHYL CELLULOSE

**Product Code:** 826

**CAS#:** 9000-11-7

**Synonym:** Not Available. .

**Chemical Name:** Not Available. .

**Chemical Formula:** Not Available.

**Formula Weight:** Not Available.

#### **Section 2: Composition and Information on Ingredients**

**Composition:**

**Name:** CARBOXYMETHYL CELLULOSE

**Toxicological Data on Ingredients:** Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

#### **Section 3: Hazards Identification**

**Classification of the substance or mixture:**

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

**Label elements:**

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

**Other hazards:**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

#### **Section 4: First Aid Measures**

**Eye Contact:** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.

**Skin Contact:** Wash off immediately with soap and plenty of water. Continue flushing with plenty of water for at least 15 minutes. Remove all contaminated clothes and shoes. Immediate medical attention is required.

**Serious Skin Contact:** Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Serious Inhalation:** Not Available.

**Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

**Serious Ingestion:** Not available.



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## Section 5: Fire and Explosion Data

**Flammability of the Product:** Not Applicable.

**Auto-Ignition Temperature:** Not Applicable.

**Flash Points:** Not Applicable.

**Flammable Limits:** Not Applicable.

**Products of Combustion:** Not Available.

**Fire Hazards in Presence of Various Substances:** Not Applicable.

**Explosion Hazards in Presence of Various Substances:**

**Risks of explosion of the product in presence of mechanical impact:** Not Available.

**Fire Fighting Media and Instructions:** Not Applicable.

**Special Remarks on Fire Hazards:** Not Applicable.

**Special Remarks on Explosion Hazards:** Not Applicable.

## Section 6: Accidental Release Measures

**Small Spill:** Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

**Large Spill:** Corrosive solid. Stop leak if without risk. Do not get water inside container. Do not touch spilled material. Use water spray to reduce vapors. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all ignition sources. Call for assistance on disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

## Section 7: Handling and Storage

**Precautions:** Do not ingest. Do not breathe dust. Avoid contact with eyes. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids.

**Storage:** Keep container tightly closed. Keep container in a cool, well-ventilated area. Hygroscopic.

## Section 8: Exposure Controls/Personal Protection

**Engineering Controls:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

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

**Personal Protection in Case of a Large Spill:** Splash goggles, Full suit, Dust respirator, Boots, Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

**Exposure Limits:** TWA: 10 (mg/m<sup>3</sup>) from ACGIH (TLV) [United States] Inhalation Total

## Section 9: Physical and Chemical Properties

**Physical state and appearance:** Fibrous, powder

**Odor:** Not available.

**Taste:** Not available.

**Molecular Weight:** Not available

**Color:** White.

**pH:** Not available.

**Boiling Point:** Not available

**Melting Point:** Not available.

**Critical Temperature:** Not available.



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**Relative Density:** Not available.

**Vapor Pressure:** Not applicable.

**Vapor Density:** Not available.

**Volatility:** Not available.

**Odor Threshold:** Not available.

**Water/Oil Dist. Coeff.:** Not available.

**Ionicity (in Water):** Not available.

**Dispersion Properties:** Not available

**Solubility:** Not available

### **Section 10: Stability and Reactivity Data**

**Stability:** The product is stable.

**Instability Temperature:** Not available.

**Conditions of Instability:** Not available.

**Incompatibility with various substances:** Strong oxidizing agents

**Corrosivity:** Not available.

**Special Remarks on Reactivity:** Not available.

**Polymerization:** Not available.

### **Section 11: Toxicological Information**

**Routes of Entry:** Not available

**Toxicity to Animals:**

**LD<sub>50</sub>:** Not available.

**LC<sub>50</sub>:** Not available.

**Chronic Effects on Humans:** Not available.

**Other Toxic Effects on Humans:** Not available.

**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:** Not available

### **Section 12: Ecological Information**

**Ecotoxicity:** Not Available.

**BOD and COD:** Not Available.

**Products of Biodegradation:** Not Available.

**Toxicity of the Products of Biodegradation:** Not Available

**Special Remarks on the Products of Biodegradation:** Not Available.

### **Section 13: Disposal Considerations**

**Waste Disposal:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.



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## Section 14: Transport Information

**DOT Classification:** Not a DOT controlled material (United States).

**Identification:** Not applicable.

**Special Provisions for Transport:** Not applicable.

## Section 15: Other Regulatory Information

**Federal and State Regulations:** TSCA 8(b) inventory: CARBOXYMETHYL CELLULOSE

**Other Regulations:** Not Available..

**Other Classifications:** Not Available.

**Specific hazard:** Not Available.

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

## Section 16: Other Information

**References: Full text of H AND R-Statements.**

Not Available.

**Other Special Considerations:** Not available.

### Disclaimer:

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