

Material Safety Data Sheet (MSDS)

Product Name: Sodium Carboxymethyl Cellulose BP Grade

MSDS Generate Date: 20-05-2017

Revision Date: 30-12-2024

Supplier:

Rawpharma Biz Pvt Ltd

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1. Identification of the Substance/Preparation and Company

Product Name: Sodium Carboxymethyl Cellulose BP Grade

Synonyms: CMC Sodium, Cellulose Gum

CAS No.: 9004-32-4

2. Hazard Identification

- **Classification:** Not classified as hazardous (as per GHS)

Label Elements: Not required

- **Hazards:**
- Dust may cause mild irritation to eyes, skin, and respiratory tract
- High dust concentration may create combustible dust-air mixture

3. Composition / Information on Ingredients

- **Chemical Name:** Sodium Carboxymethyl Cellulose

CAS No.: 9004-32-4

Purity: ≥ 99%

4. First Aid Measures

- **Inhalation:** Move to fresh air. Seek medical attention if symptoms persist
- Skin Contact:** Wash thoroughly with soap and water
- Eye Contact:** Rinse cautiously with water for at least 15 minutes
- Ingestion:** Rinse mouth and drink water. Seek medical advice if necessary
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5. Fire Fighting Measures

- **Suitable Extinguishing Media:** Water spray, dry chemical powder, foam, CO₂
- Specific Hazards:** Combustible dust hazard
- Protective Equipment:** Use self-contained breathing apparatus (SCBA)
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6. Accidental Release Measures

- Avoid generating dust
 - Sweep or vacuum into suitable container
 - Use PPE during cleanup
 - Prevent contamination of drains and water sources
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7. Handling and Storage

- **Handling:**

- Avoid dust formation and inhalation
 - Ensure good ventilation
 - Use protective equipment
 - **Storage:**
 - Store in a cool, dry, well-ventilated place
 - Keep container tightly closed
 - Protect from moisture and humidity
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8. Exposure Controls / Personal Protection

- **Engineering Controls:** Local exhaust ventilation
 - **Personal Protective Equipment:**
 - Respiratory Protection: Dust mask/respirator
 - Eye Protection: Safety goggles
 - Hand Protection: Protective gloves
 - Skin Protection: Protective clothing
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9. Physical and Chemical Properties

- Appearance: White to off-white powder
 - Odor: Odorless
 - pH (1% solution): 6.0 – 8.5
 - Solubility: Soluble in water
 - Density: $\sim 1.6 \text{ g/cm}^3$
 - Melting Point: Decomposes before melting
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10. Stability and Reactivity

Stability: Stable under recommended conditions

Conditions to Avoid: Moisture, excessive heat

Incompatible Materials: Strong oxidizing agents

Decomposition Products: Carbon monoxide, carbon dioxide

11. Toxicological Information

- Low toxicity
 - May cause mechanical irritation
 - Not carcinogenic under normal usage
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12. Ecological Information

- Biodegradable
 - No significant environmental hazard
 - Avoid uncontrolled environmental release
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13. Disposal Considerations

- Dispose as per local regulations
 - Non-hazardous waste under normal conditions
 - Avoid dust dispersion during disposal
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14. Transport Information (DETAILED)

General Classification:

- Not classified as hazardous material for transport

UN Number: Not assigned

UN Proper Shipping Name: Not applicable

Hazard Class: Not applicable

Packing Group: Not applicable

Road Transport (ADR/RID)

- Not regulated as dangerous goods
- No hazard labeling required
- Transport in sealed and labeled containers
- Avoid exposure to moisture during transit

Inland Waterways

- No specific classification
- Prevent spillage into waterways

Sea Transport (IMDG Code)

- Not classified as dangerous goods
- Not a marine pollutant
- Ensure packaging is moisture-resistant
- Protect cargo from humidity and seawater exposure

Air Transport (IATA/ICAO)

- Not regulated as dangerous goods
- No special documentation required beyond standard commercial invoice
- Ensure packaging prevents dust leakage

Transport Precautions:

- Avoid dust formation during loading/unloading
- Use covered vehicles for transport
- Keep away from water and humidity
- Ensure packaging integrity (bags/drums properly sealed)
- Stack properly to avoid damage
- No temperature-controlled transport required

Special Notes:

- Though non-hazardous, bulk handling may require dust control measures
 - Follow general industrial hygiene practices during transportation
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15. Regulatory Information

- Complies with BP (British Pharmacopoeia) standards
 - Not classified as hazardous under GHS
 - Follow applicable local and national regulations
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16. Other Information

- This MSDS is prepared based on available data and is intended for safe handling, use, processing, storage, transportation, and disposal. It does not constitute a guarantee of product properties. Users are responsible for compliance with applicable laws and regulations.
- **MSDS Generate Date:** 20-05-2017
- **Revision Date:** 30-12-2024
- **Website:** www.rawpharmabiz.com
- MSDS are based on the manufacturer's provided information.