



SWADESH(INDIA) CHEMICAL PVT.LTD.

MATERIAL SAFETY DATA SHEET (MSDS)

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name:

- Sodium Carboxymethyl Cellulose (Food Grade)
- Synonyms: CMC, Cellulose Gum, E466

Manufacturer/Supplier:

Swadesh (India) Chemical Pvt. Ltd.

Address:

Survey No: 512, Plot No. 7,
Shri Hari Industrial Park,
Kadadra Village, Near ZAK GIDC,
Dehgam, Gandhinagar, Gujarat, India – 382330

Contact:

- Email: business@swadeshindia.in
- Website: www.swadeshindia.in

Recommended Use:

- Food additive (thickener, stabilizer), pharmaceutical, cosmetic applications

2. COMPOSITION/INGREDIENT INFORMATION

Component	CAS No.	Concentration (%)
Sodium CMC	9004-32-4	≥99%

Additional Notes:

- Purity: FCC/USP/EP compliant
- Degree of Substitution: 0.6-0.9 (as specified)



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3. HAZARDS IDENTIFICATION

GHS Classification:

- Not classified as hazardous under normal use.

Precautionary Statements (P-Codes):

- Dust may cause mild eye/respiratory irritation
- Slippery when wet

4. FIRST AID MEASURES

- **Eye Contact:** Rinse with water for 15 minutes.
- **Skin Contact:** Wash with soap and water.
- **Ingestion:** No adverse effects expected in food quantities.
- **Inhalation (dust):** Move to fresh air.

5. FIRE FIGHTING MEASURES

- **Extinguishing Media:** Water spray, CO₂, dry chemical
- **Special Hazards:** Dust may form explosive mixtures in air
- **Firefighting PPE:** SCBA for large fires

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

- **Spill Response:**
 - Small: Sweep/vacuum (avoid dust generation)
 - Large: Use non-sparking tools
- **Environmental Warning:** No significant hazard

7. HANDLING AND STORAGE

- **Handling:**
 - Use local exhaust for dust control
- **Storage:**
 - Keep in cool (<25°C), dry place in sealed containers
- **Shelf Life:**
 - 36 months



8. EXPOSURE CONTROL/PERSONAL PROTECTION

- **Engineering Controls:** General ventilation
- **PPE:**
 - Gloves: Not typically required
 - Eye Protection: Safety goggles (if dusting)
 - Respiratory: Dust mask (N95) for powder handling

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	White to off-white powder
Odor	Odorless
Solubility	Soluble in water (forms viscous solution)
Bulk Density	0.5–0.7 g/cm ³
pH (1% solution)	6.5–8.5

10. STABILITY AND REACTIVITY

Chemical Stability:

- Stable; hygroscopic (absorbs moisture)

Incompatible Materials:

- Strong oxidizers, strong acids

Hazardous Decomposition Products:

- CO, CO₂ if burned

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

- Oral LD50 (rat): >5,000 mg/kg

Skin Irritation:

- Non-irritating

Eye Irritation:

- Not classified (IARC, NTP)



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12. ECOLOGICAL INFORMATION

Biodegradability:

- >60% in 28 days (OECD 301)

Aquatic Toxicity:

- LC50 (fish, 96h): >10,000 mg/L

13. DISPOSAL CONSIDERATIONS

Waste Disposal:

- Compost or landfill per local regulations

14. TRANSPORT INFORMATION

DOT/IMO/IATA:

- Not classified as dangerous goods

15. REGULATORY INFORMATION

India:

- Compliant with CPCB regulations

International:

- REACH registered
- OSHA compliant

16. ADDITIONAL INFORMATION

Revision Date :20/04/24

Disclaimer: This MSDS is provided for informational purposes only. Users should make their own determination of suitability for any particular purpose.