

MATERIAL SAFETY DATA SHEET
CARBOXY METHYL CELLULOSE SODIUM (CMC)



1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Carboxy Methyl Cellulose Sodium (CMC)	Supplier:	ASES CHEMICAL WORKS.
Synonyms:	Cellulose Gum, Carboxymethyl Cellulose, Croscarmellose Sodium	Address:	Brahm Bagh, Jalori Gate Jodhpur - 342001 Rajasthan-India
INCI Name:	Carboxymethylcellulose Sodium	Phone:	+91-9636889954
CAS Number:	9004-32-4	Web:	www.ases.in
Formula:	C ₈ H ₁₁ O ₅ Na	Email :	ecom@ases.in
Product Form:	Solid (Powder)		
Product Use:	Manufacture of substances		

2 HAZARDS IDENTIFICATION

GHS Classification	Not classified
GHS Labeling:	Not classified
Other Hazard Pictograms:	None.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No	EC No	Concentration
Carboxy Methyl Cellulose Sodium	9004-32-4	265-995-8	99%

4 FIRST AID MEASURES

Eye contact Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention.

Skin contact Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

Inhalation If inhaled, removed to fresh air. Get medical attention if symptoms appear.

Ingestion Seek medical attention or contact local poison control centre.

5 FIRE-FIGHTING MEASURES

Suitable extinguishing media	Water Foam Carbon dioxide (CO ₂) Dry powder
Unsuitable extinguishing media	For this substance/mixture no limitations of extinguishing agents are given..
Hazards arising from the substance	Nature of decomposition products not known. Combustible
Advice for firefighters	Wear self-contained breathing apparatus for firefighting if necessary.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions : Avoid dust formation. Avoid breathing vapours, mist or gas.

Environmental Precautions: Do not let product enter drains

Clean up procedure : Cover drains. Collect, bind, and pump off spills. Take up dry. Dispose of properly.

7 HANDLING & STORAGE

Handling: Handle in accordance with good industrial hygiene and safety practices.

Storage: Store in cool place. Keep container tightly closed in a dry place.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Eyes: Use equipment for eye protection tested and approved under appropriate government standards.

Body: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.,.

Respiratory: Respiratory protection necessary at: Dust formation.

Ingestion: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

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9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Light Yellow	Vapor Pressure:	No data available
Physical State:	Solid powder	Decomposition temperature:	> 250 °C -
Odor:	odorless	Relative Density:	1.59
Odor Threshold:	No data available	Flammability.:	No data available
pH:	at 10 g/l @20 °C neutral	Auto-Ignition Temperature:	No data available
Melting Point:	280°C	Peroxide value:	No data available
Flash Point:	No data available	Water Solubility:	Soluble
Specific Gravity:	No data available		

10 STABILITY AND REACTIVITY

Reactivity:	The following applies in general to flammable organic substances and mixtures: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed.
Chemical Stability:	Product is stable under standard ambient conditions.
Hazardous Polymerization:	Violent reactions possible with: strong oxidising agents
Conditions to Avoid:	No information available
Incompatible Materials:	No known.
Hazardous Decomposition Products:	No known.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	LD50 Oral- >2.000 mg/kg(Rat). Inhalation- 4 h- > 5.8 mg/l(Rat). Dermal- >2.000 mg/kg(Rabbit).
Skin:	No skin irritation (Rabbit)
Eyes:	No skin irritation (Rabbit)
Respiratory:	Not available
Carcinogenicity:	Not available
Teratogenicity:	Not available
Germ Cell Mutagenicity:	Not available
Embryotoxicity:	Not available
Specific Target Organ	
Toxicity:	Not available
Reproductive Toxicity:	Not available

12 ECOLOGICAL INFORMATION

Ecotoxicity:	Toxicity to fish LC50 - Danio rerio (zebra fish) - > 500 mg/l - 96 h (OECD Test Guideline 203)
Persistence and degradability:	Biodegradability
Bioaccumulative potential:	Not available.
Mobility in soil:	Not available
Other adverse effects:	Not available

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.
Product Containers:	Users should review their operations in terms of the applicable federal/national or local regulations.

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14 TRANSPORT INFORMATION

US DOT Shipping Description (Land):	Not regulated.
IMO-IMDG Shipping Description (Sea):	Not regulated.
IATA Shipping Description (Air):	Not regulated.

15 REGULATORY INFORMATION

TSCA Inventory Status:	No data available
DSCCL (EEC):	This product is not classified according to the EU regulations. Not applicable.
Chemical safety assessment	For this product a chemical safety assessment was not carried out.

16 OTHER INFORMATION

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and ASES CHEMICAL WORKS assume no liability resulting from its use.