Material Safety Data Sheet

Carboxy Methyl Cellulose CMC (RXSOL-81-8124-025)

1. Product and Company Identifaction

Product Name	Carboxy Methyl Cellulose (CMC)
Product Type	RXSOL-81-8124-025

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Phone	+91 22 65113333 / 5555 / 9999
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2. Composition / informationon ingredients

Name	CAS#	% by Weight
Carboxymethyl cellulose sodium	9004-32-4	100

3. Hazards Identification

Potential Acute Health Effects	Hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation
Potential Chronic Health Effects:	Hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.
Carcinogenic effects	Not available
Mutagenic effects	Not available
Teratogenic effects	Not available
Developmental toxicity	Not available.

4. First Aid Measures

Eye Contact	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.
Skin Contact	After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact	Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.
Inhalation	Allow the victim to rest in a well ventilated area. Seek immediate medical attention.
Serious Inhalation	Not available.
Ingestion	Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.
Serious Ingestion	Not available.

5. Fire-fighting Measures

Flammability of the Product	May be combustible at high temperature.
Auto-Ignition Temperature	370°C (698°F)
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.
Risks of explosion of the product in presence of static discharge	Not available.
Fire Fighting Media and Instructions	
Small Fire	Use DRY chemical powder
Large Fire	Use water spray, fog or foam. Do not use water jet.
Special Remarks on Fire Hazards	Material in powder form, capable of creating a dust explosion.
Special Remarks on Explosion Hazards	Not available

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	Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

7. Handling and Storage

Precautions	Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable protective clothing In case of insufficient ventilation, wear suitable respiratory equipment If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes Keep away from incompatibles such as oxidizing agents.
Storage	Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

8. Exposure controls and 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	Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.
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	Not available.

9. Physical and chemical properties

Physical state and appearance	Solid. (Powdered solid.)
Odor	Odorless.
Taste	Not available
Molecular Weight	Not available
Color	White
pH (1% soln/water)	Not applicable.
Boiling Point	Not available.
Melting Point	Decomposes.
Critical Temperature	Not available.
Specific Gravity	Not available.

Vapor Pressure	Not applicable.
Vapor Density	Not applicable.
Volatility	Not available.
Odor Threshold	Not available.
Water/Oil Dist. Coeff.	Not available.
Ionicity (in Water)	Not available.
Dispersion Properties	See solubility in water.
Solubility	Easily soluble in cold water.

10. Stability and reactivity

Stability	The product is stable.
Instability Temperature	Not available.
Conditions of Instability	Not available.
Incompatibility with various substances	Reactive with oxidizing agents.
Corrosivity	Non-corrosive in presence of glass.
Special Remarks on Reactivity	Not available.
Special Remarks on Corrosivity	Not available.
Polymerization	No

11. Toxicological information

Potential Acute Health Effects	Hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation
Potential Chronic Health Effects:	Hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.
Carcinogenic effects	Not available
Mutagenic effects	Not available
Teratogenic effects	Not available

Developmental toxicity	Not available.

12. Ecological information

Ecotoxicity	Not available
BOD5 and COD	Not available.
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation	The products of degradation are more toxic.
Special Remarks on the Products of Biodegradation	Not available.

13. Disposal considerations

NA

14. Transport information

NA

15. Regulatory information

Federal and State Regulations	TSCA 8(b) inventory: Carboxymethyl cellulose sodium
Other Regulations	Not available
Other Classifications:	
WHMIS (Canada)	Not controlled under WHMIS (Canada).
DSCL (EEC)	R36/38- Irritating to eyes and skin.
HMIS (U.S.A.)	
Health Hazard	1
Fire Hazard	1
Reactivity	0
Personal Protection	E
National Fire Protection Association (U.S.A.):	
Health	2
Flammability	1
Reactivity	0
Specific hazard:	

Protective Equipment	Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Splash goggles.

16. Other information

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