

SAFETY DATA SHEET

CARBOXYMETHYL CELLULOSE (ALL GRADES)

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 PRODUCT NAME	CARBOXYMETHYL CELLULOSE (All Grades)
1.2 SYNONYMS	CMC
1.3 APPLICATION	Fluid Loss Additive
1.3 SUPPLIER	Supplier : Abdullah Al-Khrinej Gen. Trad. & Cont. Co. W.L.L. Mangaf Block 1, Street 101 Al-Khrinej Building 23, Ground Floor PO Box: 47465 Fahaheel 64025 Kuwait Tel: (965) 23926509 E-Mail: info@agtc-kwt.com

2 HAZARD IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Combustible dust

2.2 LABEL ELEMENT

Signal Word	Warning
Hazard Statement	None
Precautionary Statement	
Prevention	None
Response	None
Disposal	None

2.3 OTHER HAZARDS

None Known

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS No.	Content	Classification
CARBOXYMETHYL CELLULOSE	9004-32-4	60 - 100%	Combustible dust

4 FIRST-AID MEASURES

4.1 INHALATION

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If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.

4.2 INGESTION

Under normal conditions, first aid procedures are not required.

4.3 SKIN CONTACT

Wash with soap and water. Get medical attention if irritation persists.

4.4 EYE CONTACT

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

Notes to Physician Treat symptomatically

5 FIRE-FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Suitable Extinguishing Media

Water fog, carbon dioxide, foam, dry chemical.

Extinguishing media which must not be used for safety reasons

None known

5.2 SPECIAL HAZARDS ARISING FROM SUBSTANCE OR MIXTURE

Decomposition in fire may produce harmful gases. Organic dust in the presence of an ignition source can be explosive in high concentrations. Good housekeeping practices are required to minimize this potential.

5.3 PROTECTIVE MEASURES IN FIRE

Full protective clothing and approved self-contained breathing apparatus required for fire fighting personnel

6 ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS

Avoid creating and breathing dust. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Use appropriate protective equipment. See Section 8 for additional information

6.2 ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drains, sewers or watercourses.

6.3 SPILL CLEAN UP METHODS

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Scoop up and remove.

7 HANDLING AND STORAGE

7.1 USAGE PRECAUTIONS

Avoid creating or inhaling dust. Avoid dust accumulations. Ensure adequate ventilation. Avoid contact with eyes, skin, or clothing. Wash hands after use. Launder contaminated clothing before reuse. Use appropriate protective equipment. Slippery when wet.

7.2 STORAGE PRECAUTIONS

Store away from oxidizers. Store in a dry location.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Substance	CAS No.	OSHA PEL-TWA		
CARBOXYMETHYL CELLULOSE	9004-32-4	N/A		

8.1 PROTECTIVE EQUIPMENT



Safety Glasses



Disposable Dust Mask



Work Gloves



Coverall

8.2 ENGINEERING MEASURES

A well ventilated area to control dust levels. Local exhaust ventilation should be used in areas without good cross ventilation.

8.3 RESPIRATORY EQUIPMENT

If engineering controls and work practices cannot keep exposure below occupational exposure limits or if exposure is unknown, wear a NIOSH certified, European Standard EN 149, AS/NZS 1715:2009, or equivalent respirator when using this product.

8.4 HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves. Rubber or plastic.

8.5 EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

8.6 OTHER PROTECTION

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Wear appropriate clothing to prevent any possibility of skin contact. Provide eyewash station.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 APPEARANCE	Powder, dust
9.2 COLOUR	White to off white
9.3 ODOUR	Odourless or No characteristic odour.
9.4 SOLUBILITY	Easily dispersed in water
9.5 MELTING POINT (°C)	No data
9.6 pH	6.5 - 8.5 (1% water sol.)

10 STABILITY AND REACTIVITY

10.1 STABILITY

Stable under normal temperature conditions and recommended use.

10.2 CONDITIONS TO AVOID

Avoid wet and humid conditions.

10.3 INCOMPATIBLE MATERIAL

Strong Oxidizer

10.4 HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide and carbon dioxide.

11 TOXICOLOGICAL INFORMATION

11.1 INHALATION

May cause mild respiratory irritation.

11.2 INGESTION

None known

11.3 SKIN CONTACT

May cause mild skin irritation

11.4 EYE CONTACT

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May cause mild eye irritation

12 ECOLOGICAL INFORMATION

12.1 ENVIRONMENTAL FATE

This material may be bioaccumulate to some extent

Substance	CAS No.	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Toxicity to Invertebrates
CARBOXYMETHYL CELLULOSE	9004-32-4	No information available	TLM96: 10000 ppm LC50 (96h) 20000 mg/L	No information available	EC50 (48h) 1000-3300mg/L (Crangon crangon)

13 DISPOSAL CONSIDERATIONS

13.1 DISPOSAL METHODS

Recover and reclaim or recycle, if practical. Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID)

15 REGULATORY INFORMATION

15.1 RISK PHRASES NC Not classified.

15.2 SAFETY PHRASES NC Not classified.

16 OTHER INFORMATION

16.1 ISSUE DATE 18-Jun-19

16.2 REVISION DATE N/A

16.3 RISK PHRASES IN FULL

NC Not classified.

16.4 ADDITIONAL INFORMATION

For any additional information on the use of this product, contact Abdullah Al-Khrinej Gen. Trad. & Cont. Co. W.L.L. (AGTC) representative.

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DISCLAIMER

While every effort has been made to accurately describe this product, some of the data are obtained from sources beyond our direct supervision. We cannot make any assertions as to its reliability or completeness; therefore, user may rely only at user's risk. We have made no effort to censor or conceal deleterious aspects of this product. Since we cannot anticipate or control the conditions under which this information and product may be used, we make no guarantee that the precautions we have suggested will be adequate for all individuals and/or situations. It is the obligation of each user of this product to comply with the requirements of all applicable laws regarding use and disposal of this product. Additional information will be furnished upon request to assist the user; however, no warranty, either expressed or implied, nor liability of any nature with respect to this product or to the data herein is made or incurred hereunder.

End of Safety Data Sheet