

Safety Data Sheet

Infosafe No™ ACE4H Issue Date : January 2017 ISSUED by ACECHEM

Product Name **Methyl cellulose (all grades)**

Not classified as hazardous

1. Identification

GHS Product Identifier	Methyl cellulose (all grades)				
Company Name	ACE CHEMICAL COMPANY (ABN 35619819300)				
Address	119A Mooringe Avenue Camden Park S.A 5038 Australia				
Telephone/Fax Number	Tel: 08-8376 0844 Fax: 08-8295 8563				
Emergency phone number	0438760844				
E-mail Address	acechem@bigpond.com				
Recommended use of the chemical and restrictions on use	Dispersing, thickening and sizing agent, water retention aid.				
Other Names	<table><thead><tr><th><u>Name</u></th><th><u>Product Code</u></th></tr></thead><tbody><tr><td>CELACOL M (ALL GRADES)</td><td></td></tr></tbody></table>	<u>Name</u>	<u>Product Code</u>	CELACOL M (ALL GRADES)	
<u>Name</u>	<u>Product Code</u>				
CELACOL M (ALL GRADES)					
Other Information	Ace Chemical Company has taken care in compiling this information. No liability is accepted whether direct or indirect from its application since the conditions of final use are outside Ace Chemical Companies control.				

2. Hazard Identification

GHS classification of the substance/mixture	Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia. Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)
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3. Composition/information on ingredients

4. First-aid measures

Inhalation	Remove victim from exposure - avoid becoming a casualty. Seek medical advice if effects persist.
Ingestion	Rinse mouth with water. Give plenty of water to drink. If vomiting occurs give further water. Seek medical assistance.
Skin	Wash contaminated skin with plenty of soap and water. Remove contaminated clothing and wash before re-use. If irritation occurs seek medical advice.
Eye contact	Irrigate with copious quantities of water for 15 minutes. In all cases of eye contamination it is a sensible precaution to seek medical advice.
Advice to Doctor	Treat symptomatically.

5. Fire-fighting measures

Specific hazards arising from the chemical	Combustible dust. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of combustion. Extinguishing Media: Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).
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6. Accidental release measures

Spills & Disposal	Shut off all possible sources of ignition. Wear protective equipment to prevent skin and eye contamination and inhalation of dust. Sweep up, but avoid generating dust. Cover with damp absorbent (sand or soil) if necessary. Collect and seal in properly labelled drums for disposal. Wash area down with excess water. Waste Disposal Method: RISK: Refer to State Land Waste Management Authority. Normally suitable for disposal at approved land waste site.
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7. Handling and storage

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Conditions for safe storage, including any incompatibilities Not defined as a Dangerous Good by the Australian Code for the Transport of Dangerous Goods by Road and Rail.
Store in a cool, dry location. Keep dry - reacts with water; may lead to rupture of container. Store away from oxidising materials. Keep containers closed at all times - check regularly for spills.
Correct Shipping Name: OTHER NAMES Methyl cellulose (all grades)
INGREDIENTS CHEMICAL ENTITY CAS NO. PROPORTION (% weight/weight)

Methyl cellulose ethers 9004-67-5 100 All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

8. Exposure controls/personal protection

Occupational exposure limit values See Below

Other Exposure Information No value assigned for this specific material by the National Occupational Health and Safety Commission (Worksafe Australia.)
However, Exposure Standards for constituents:

	TWA		STEL	
	ppm	mg/m3	ppm	mg/m3
Cellulose (as inspirable dust)	-	10	-	-

As published by the National Occupational Health and Safety Commission (Worksafe Australia).

TWA - the Time-Weighted Average airborne concentrations over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) - the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour work day. According to current knowledge these concentrations should neither impair the health of, nor cause undue discomfort to, nearly all workers.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. Exposure Standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Appropriate engineering controls Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Exposure Standards. Avoid generating and inhaling dusts. Use with local exhaust ventilation or while wearing a dust respirator. Keep containers closed when not in use.

Personal Protective Equipment ICI PERSONAL PROTECTION GUIDE (NO. 2, 1990): CODE E - O/ALLS, SAFETY SHOES, GLASSES, GLOVES(S), DUST MASK Avoid skin and eye contact and inhalation of dust. Wear overalls, safety glasses and impervious gloves. Avoid generating and inhaling dusts. If dust exists, wear dust respirator meeting the requirements of AS 1715 and AS 1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

9. Physical and chemical properties

Appearance White or cream powder.

Melting Point N Av

Boiling Point N App

Solubility in Water N Av

Solubility in Organic Solvents Coated grades are soluble in cold water. Non-coated powder grades are soluble in hot water.

Specific Gravity (20 C): 1.26-1.31

pH N App

Vapour Pressure (20 C): N Av

Evaporation Rate N App

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Product Name **Methyl cellulose (all grades)**

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Viscosity N Av *

Volatile Component N App

Flash Point N App

Flammability Combustible dust. In common with many organic chemicals, may form flammable dust clouds in air. For precautions necessary refer to safety data sheet - 'Dust Explosion Hazards'. Avoid all ignition sources.

Auto-Ignition Temperature 360

Flammable Limits - Lower N App

Other Information Sublimation Point : N App
(Typical values only - consult specification sheet)
N Av = Not available N App = Not applicable
* See specification sheets for viscosity of grades.
Bulk Density (kg/m3) : 350-550
Charring at approx: 300 (C)

10. Stability and reactivity

11. Toxicological Information

Toxicology Information For methyl cellulose (1):
Oral LD50 (rat): 10000 mg/kg

Ingestion No adverse effects expected.

Inhalation Inhalation of dust may result in respiratory irritation.

Skin Contact with skin may result in irritation.

Eye May be an eye irritant.

Chronic Effects No information available for product.

12. Ecological information

13. Disposal considerations

14. Transport information

15. Regulatory information

Poisons Schedule Not Scheduled

16. Other Information

Literature References (1), On 'CC Info Disc No.96/3' MSDS No.53951 , (Canadian Centre for Occupational Health and Safety; Ontario 1996)

Contact Person/Point Ace Chemical Company
119A Mooringe Avenue
Camden Park S.A. 5038
Tel: 08-8376 0844 Fax: 08-8295 8563
or Poisons Information Centre
Tel: 13 11 26
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