

Infosafe No™ IMCR7	Issue Date : May 2011	ISSUED by IMCDAST
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Product Name **Cellogen FSA**

Not classified as hazardous

1. Identification

GHS Product Identifier	Cellogen FSA
Product Code	4336712
Company Name	IMCD Australia Limited (ABN 44 000 005 578)
Address	1st Floor, 372 Wellington Road Mulgrave Victoria 3170 Australia
Telephone/Fax Number	Tel: (03)8544 3100 (Business hours) Fax: (03)8544 3299
Emergency phone number	1800 625 526
Recommended use of the chemical and restrictions on use	For industrial use (e.g. thickener, stabiliser)
Additional Information	It is the user's responsibility to determine the suitability of this product for their applications and their methods of use. Classified as Hazardous according to the criteria of the New Zealand HSNO Act.
Other Information	NEW ZEALAND Emergency Response: 0800 500 288 IMCD New Zealand Limited 459 Great South Road Penrose, Auckland Ph: (09) 582 0250 Fax: (09) 525 0030 An electronic version of this SDS is available at www.imcdgroup.com

2. Hazard Identification

GHS classification of the substance/mixture	Not classified as hazardous according to criteria of NOHSC.
Precautionary statement – Prevention	P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P264 Wash hands thoroughly after handling. P280 Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary statement – Response	P305 IF IN EYES: P310 Immediately call a POISON CENTER or doctor/physician. P313 Get medical advice/attention. P333 If skin irritation or rash occurs:
Precautionary statement – Storage	P403+P235 Store in a well-ventilated place. Keep cool.
Precautionary statement – Disposal	P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
Other Information	There is a possibility of dust explosion under specific situations.

3. Composition/information on ingredients

Chemical Characterization	Solid				
Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>	<u>Hazard Symbol</u>	<u>Risk Phrase</u>
	Sodium Carboxymethyl Cellulose	9004-32-4	-		

4. First-aid measures

First Aid Measures	You should call a doctor or Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. Have the Safety Data Sheet with you when you call.
Inhalation	Remove casualty to fresh air and keep warm and at rest. Consult a physician if necessary.
Ingestion	Rinse out mouth and then drink plenty of water. Get medical attention immediately. Never give anything by mouth to an unconscious person.

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Skin	Wash off with plenty of soap and water. If symptoms persist, call a physician.
Eye contact	Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Get medical attention.
Protection for First Aiders	If potential for exposure exists refer to Section 8 for specific personal protective equipment.

5. Fire-fighting measures

Fire Fighting Measures	Eliminate ignition sources. Approach down wind. Evacuate all non-essential personnel. Use water spray to cool fire exposed surfaces. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. In case of fire, use normal fire-fighting equipment and the personal protective equipment recommended in Section 8.
Suitable extinguishing media	Water spray, powder, foam, carbon dioxide, dry sand.
Hazards from Combustion Products	Oxides of carbon.
Specific hazards arising from the chemical	Dust may form explosive mixture in air. Hazardous gases may be generated in a fire - avoid inhalation.

6. Accidental release measures

Methods and materials for containment and cleaning up	Sweep up or vacuum up spillage and collect in suitable container for disposal. Take precautionary measures against static discharges.
Personal Precautions	Wear personal protective equipment (see Section 8). Provide adequate ventilation. Evacuate personnel to safe areas. Remove all sources of ignition. Spilled material may cause a slipping hazard.
Environmental Precautions	Do not allow to enter drains or water courses.

7. Handling and storage

Handling and Storage	Provide an emergency eye wash fountain and a quick drench shower in the immediate work area.
Precautions for Safe Handling	Wear appropriate respirator when ventilation is inadequate. Provide adequate ventilation. Wear personal protective equipment. Avoid generating or breathing dust. During processing, dust may form explosive mixture in air. Take precautionary measures against static discharges. Product on surfaces may cause slippery conditions.
Conditions for safe storage, including any incompatibilities	Keep tightly closed in a dry, cool and well-ventilated place. Avoid direct exposure to sunlight. Avoid moisture. Store in original containers.

8. Exposure controls/personal protection

Exposure Controls, Personal Protection	The following Australian and New Zealand Standards will provide general advice regarding safety clothing and equipment: Respiratory equipment: AS/NZS 1715, Protective Gloves: AS 2161, Industrial Clothing: AS2919, Industrial Eye Protection: AS1336 and AS/NZS 1337, Occupational Protective Footwear: AS/NZS2210.
Occupational exposure limit values	No exposure standards have been established for this product by Worksafe Australia, however, the TWA exposure standard for dusts not otherwise specified is 10 mg/m ³ .
Appropriate engineering controls	Local exhaust ventilation system may be necessary if dust generated. Provide an emergency eye wash fountain and quick drench shower in the immediate work area. Use explosion and static electricity-proof equipment.
Respiratory Protection	Dust mask is required when exposure is likely to exceed acceptable limits.
Eye Protection	Safety glasses with side shields.

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Hand Protection	Use appropriate, impervious gloves.
Body Protection	Antistatic long-sleeved clothing, etc.
Hygiene Measures	Wash thoroughly after handling and before eating, drinking or smoking.

9. Physical and chemical properties

Form	Solid
Appearance	White.
Odour	Almost odourless.
Melting Point	No data.
Boiling Point	No data.
Solubility in Water	Soluble
Specific Gravity	No data.
pH	~7.0 (1% aqueous solution of anhydride)
Vapour Pressure	No data.
Vapour Density (Air=1)	No data.
Evaporation Rate	No data.
Viscosity	~750 mPas (2% aqueous solution of anhydride)
Volatile Component	No data.
Density	~0.5 (Bulk)
Flammability	Not applicable.
Explosion Properties	Data of similar product: Lower dust explosion limit: 325 g/m ³ Explosion limit O ₂ Concentration: 12.7 vol%
Oxidising Properties	Not applicable.

10. Stability and reactivity

Reactivity	Stable under normal temperatures and pressures.
Conditions to Avoid	Material can become slippery when wet. Avoid sunlight and ultraviolet light.
Incompatible Materials	No incompatibilities reported.
Hazardous Decomposition Products	Oxides of carbon.
Hazardous Polymerization	Will not occur.

11. Toxicological Information

Inhalation	Dust may cause respiratory irritation if inhaled.
Eye	Dust may cause mild irritation.
Chronic Effects	Subcutaneous - rat TDLo: 1900 mg/kg
Reproductive Toxicity	No data.
Mutagenicity	Ames test - negative Chromosome aberration tests in vitro - negative
Carcinogenicity	Not listed on IARC
Acute Toxicity - Oral	LD50, rat: 27000 mg/kg
Acute Toxicity - Dermal	No data.

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Acute Toxicity - Inhalation	No data.
Skin corrosion/irritation	Non-irritant (rabbit, Human)
Respiratory Irritation	No data.
Skin Sensitisation	No data.

12. Ecological information

Persistence and degradability	It's estimated that this product is not readily biodegradable.
Mobility	No data.
Bioaccumulative Potential	No data.
Other Adverse Effects	BOD: 100 mg/L (0.1% aqueous solution) BOD: 600 mg/L (0.1% aqueous solution)
Acute Toxicity - Fish	LC50, Japanese killfish (<i>Oryzias latipes</i>), 48h: 8200 mg/L

13. Disposal considerations

Disposal Considerations	Dispose of waste according to applicable local, state and federal regulations.
Waste Disposal	Incineration of waste material in permitted facilities in accordance with applicable local, state and federal regulations is the recommended disposal method.

14. Transport information

Transport Information	Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
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15. Regulatory information

Poisons Schedule	Not Scheduled
TSCA (USA)	Included on Inventory.
AICS (Australia)	All components of this material are listed on or exempt from the Australian Inventory of Chemical Substances (AICS).

16. Other Information

Contact Person/Point	THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE. IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS. OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.
Other Information	ADG Code: Australian Code for the Transport of Dangerous Goods by Road and Rail, 7th Edition AICS: Australian Inventory of Chemical Substances ASCC: Office of the Australian Safety and Compensation Council CAS number: Chemical Abstracts Service Registry Number EPA: Environmental Protection Agency Hazchem Code: Emergency action code of numbers and letters that provide information to emergency services especially fire fighters IARC: International Agency for Research on Cancer NICNAS: National Industrial Notification & Assessment Scheme NIOSH: National Institute for Occupational Safety & Health NOS: Not otherwise specified NTP: National Toxicology Program (USA) OEL: Occupational Exposure Limit



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OSHA: Occupational Safety & Health Administration
PBT: Persistent Bioaccumulative Toxic chemical
PMCC: Pensky Martens Closed Cup
R-Phrase: Risk Phrase
STEL: Short Term Exposure Limit
SUSMP: Standard for the Uniform Scheduling of Medicines & Poisons
TWA: Time Weighted Average
UN Number: United Nations Number
vPvBL: Very Persistent and Very Bioaccumulative
WEEL: Workplace Environmental Exposure Level THIS MSDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS MSDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.
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...End Of MSDS...

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