

Infosafe No™ 3CH7W	Issue Date : February 2021	RE-ISSUED by CHEMSUPP
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Product Name **CELLULASE**

Not classified as hazardous

1. Identification

GHS Product Identifier CELLULASE

Company Name CHEMSUPPLY AUSTRALIA PTY LTD (ABN 19 008 264 211)

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Recommended use of the chemical and restrictions on use Enzyme preparation.

Other Names	<u>Name</u>	<u>Product Code</u>
	CELLULASE LR	CL572

Additional Information Consists of CELLULASE (15-20%) made up with sodium chloride, sorbitol and water.

Other Information

ChemSupply Australia Pty Ltd does not warrant that this product is suitable for any use or purpose. The user must ascertain the suitability of the product before use or application intended purpose. Preliminary testing of the product before use or application is recommended. Any reliance or purported reliance upon ChemSupply Australia Pty Ltd with respect to any skill or judgement or advice in relation to the suitability of this product of any purpose is disclaimed. Except to the extent prohibited at law, any condition implied by any statute as to the merchantable quality of this product or fitness for any purpose is hereby excluded. This product is not sold by description. Where the provisions of Part V, Division 2 of the Trade Practices Act apply, the liability of ChemSupply Australia Pty Ltd is limited to the replacement of supply of equivalent goods or payment of the cost of replacing the goods or acquiring equivalent goods.

2. Hazard Identification

GHS classification of the substance/mixture Not classified as hazardous according to the Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(2004) 3rd Edition, Safe Work Australia. Not classified as dangerous goods according to the Australian Dangerous Goods Code (ADG).

3. Composition/information on ingredients

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Cellulase (fungal)	9012-54-8	15-20 %
	Sorbitol	50-70-4	
	Water	7732-18-5	
	Sodium chloride	7647-14-5	

4. First-aid measures

Inhalation Remove to fresh air. Seek medical advice if effects persist.

Ingestion Rinse mouth thoroughly with water immediately. Seek medical advice if effects persist.

Skin Wash affected area thoroughly with copious amounts of running water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention.

Eye contact Wash with large amounts of water (luke warm if possible) for at least 15 minutes. Ask victim to look up and down and sideways to wash properly. If rapid recovery does not occur, obtain medical attention

First Aid Facilities Maintain eyewash fountain and safety shower in work area.

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Advice to Doctor	Treat symptomatically based on judgement of doctor and individual reactions of the patient. May cause respiratory allergy.
Other Information	For advice, contact a Poisons Information Centre (Phone eg Australia 13 1126; New Zealand 0800 764 766) or a doctor.

5. Fire-fighting measures

Specific Methods	Use extinguishing media most appropriate for the surrounding fire. No limitations to the type of extinguishing media.
Precautions in connection with Fire	Wear SCBA and structural firefighter's uniform.

6. Accidental release measures

Spills & Disposal	Contain and remove spilled product by mechanical means or with a vacuum cleaner equipped with high efficiency filter. Avoid dust generation.
Personal Protection	Wear protective clothing specified for normal operations (see Section 8)

7. Handling and storage

Precautions for Safe Handling	Avoid generation or accumulation of dusts. Avoid prolonged or repeated contact with skin and eyes . Do not consume food, drink or smoke while handling this material.
Conditions for safe storage, including any incompatibilities	Store in a cool, dry, well-ventilated area, out of direct sunlight.

8. Exposure controls/personal protection

Other Exposure Information	No exposure standards have been established for this product by Safe Work Australia, however, the TWA exposure standard for dusts/mists not otherwise specified is 10 mg/m ³ . All atmospheric contamination should be kept to as low a level as is workable. The exposure value at the TWA is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week.
Appropriate engineering controls	Maintain the concentrations values below the TWA. This may be achieved by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods.
Respiratory Protection	Usually is not required. Where protection is required from nuisance levels of dust or mists select respiratory protection that complies with AS 1716 - Respiratory Protective Devices and select in accordance with AS 1715 - Selection, Use and Maintenance of Respiratory Protective Devices. Filter capacity and respirator type depends on exposure levels.
Eye Protection	The use of a face shield, chemical goggles or safety glasses with side shield protection as appropriate. Must comply with Australian Standards AS 1337 and be selected and used in accordance with AS 1336.
Hand Protection	Wear gloves of impervious material conforming to AS/NZS 2161: Occupational protective gloves - Selection, use and maintenance. Final choice of appropriate glove type will vary according to individual circumstances. This can include methods of handling, and engineering controls as determined by appropriate risk assessments.
Personal Protective Equipment	Personal protective equipment should not solely be relied upon to control risk and should only be used when all other reasonably practicable control measures do not eliminate or sufficiently minimise risk. Guidance in selecting personal protective equipment can be obtained from Australian, Australian/New Zealand or other approved standards.
Body Protection	Clean clothing or protective clothing should be worn, preferably with an apron. Clothing for protection against chemicals should comply with AS 3765 Clothing for Protection Against Hazardous Chemicals.
Hygiene Measures	Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

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9. Physical and chemical properties

Appearance Amber liquid.
Odour Typical odour of fermented product.
Specific Gravity 1.10 - 1.20
pH pH 4.6 - 5.0

10. Stability and reactivity

Chemical Stability Stable under normal use conditons.
Hazardous Polymerization Will not occur.

11. Toxicological Information

Ingestion Not expected to be toxic by ingestion.
Inhalation May cause mild irritation.
Skin May cause mild skin irritation.
Eye May cause mild eye irritation.
Respiratory sensitisation Not classified based on available information.
Skin Sensitisation Not classified based on available information.
Germ cell mutagenicity Not classified based on available information.
Carcinogenicity Not classified based on available information.
Reproductive Toxicity Not classified based on available information.
STOT-single exposure Not classified based on available information.
STOT-repeated exposure Not classified based on available information.
Serious eye damage/irritation Not classified based on available information.
Mutagenicity Not classified based on available information.
Skin corrosion/irritation Not classified based on available information.

12. Ecological information

Ecotoxicity The product is believed to not be a dangerous to the environment with respect to mobility, persistency and degradability, bioaccumulative potential, aquatic toxicity and other measures or relating to ecotoxicity.
Acute Toxicity - Fish LC50 (Zebra fish): 330 mg/L / 96 hr

13. Disposal considerations

Disposal Considerations Whatever cannot be saved for recovery or recycling should be disposed of according to relevant local, state and federal government regulations.

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.

15. Regulatory information

Regulatory Information All the constituents of this product are listed on the Australian Inventory of Chemical Substances (AICS), or exempted. Not listed under WHS Regulation 2011, Schedule 10 - Prohibited carcinogens, restricted carcinogens and

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restricted hazardous chemicals.

Poisons Schedule Not Scheduled

16. Other Information

Literature References 'Standard for the Uniform Scheduling of Medicines and Poisons .', Commonwealth of Australia.
National Road Transport Commission, 'Australian Code for the Transport of Dangerous Goods by Road and Rail 7th. Ed.'.
Safe Work Australia, 'National Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals'.
Standards Australia, 'SAA/SNZ HB 76:2010 Dangerous Goods - Initial Emergency Response Guide', Standards Australia/Standards New Zealand.
Safe Work Australia, 'Hazardous Chemical Information System'.
Safe Work Australia, 'National Code of Practice for the Labelling of Safe Work Hazardous Substances'.
Safe Work Australia, 'National Exposure Standards for Atmospheric Contaminants in the Occupational Environment'.

Contact Person/Point Paul McCarthy Ph. (08) 8440 2000 **DISCLAIMER STATEMENT:**
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Empirical Formula & Structural Formula Mixture

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