



Safety Data Sheet

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Infosafe No™ 3CHKL Issue Date : January 2020 RE-ISSUED by ABS

Product Name : **COLLOIDAL IRON STOCK Solution**

Not classified as hazardous

1. Identification

GHS Product Identifier	COLLOIDAL IRON STOCK Solution
Product Code	ACIS
Company Name	AUSTRALIAN BIOSTAIN Pty Ltd
Address	24 - 28 Stratton Drive, Traralgon, Victoria, Australia, 3844 www.australianbiostain.com.au
Telephone/Fax Number	Tel: (03) 5176 2855
Emergency phone number	CHEMCALL (24 hours): 1800 127 406 (Australia) / +64-4-917-9888 (International)
Recommended use of the chemical and restrictions on use	Laboratory reagent.
Other Information	Australian Biostain 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 Australian Biostain 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 Australian Biostain 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	Classified as non-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 Dangerous Goods Code (ADG).
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3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion	Hazard Symbol	Risk Phrase
	Iron (III) chloride hexahydrate	10025-77-1	0.85 %		
	Water to make a total of 100%	7732-18-5	-		

4. First-aid measures

Inhalation	Inhalation of any vapours from this product is not likely to present an acute hazard.
Ingestion	Rinse mouth thoroughly with water immediately, repeat until all traces of product have been removed. DO NOT INDUCE VOMITING. Seek medical advice if effects persist.
Skin	Irritation unlikely. If irritation occurs wash with plenty of soap and water.
Eye contact	Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. If rapid recovery does not occur, obtain medical attention
First Aid Facilities	Maintain eyewash fountain and safety shower in work area.
Advice to Doctor	Treat symptomatically based on judgement of doctor and individual reactions of the patient.
Other Information	For advice, contact the National Poisons Information Centre (Phone Australia 13 11 26; New Zealand 0800 764 766) or a doctor.

5. Fire-fighting measures

Hazards from Combustion Products	No significant quantities of decomposition products are expected at temperatures normally achieved in a fire.
Specific Methods	This product contains a substantial proportion of water therefore there are no restrictions on the type of extinguishing media which may be used. No limitations to the type of extinguishing media.

6. Accidental release measures

Personal Protection	Wear protective clothing specified for normal operations (see Section 8)
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Clean-up Methods - Small Spillages - Absorb or contain liquid with sand, earth or spill control material. Shovel up using non sparking tools and place in a labelled, sealable container for subsequent safe disposal. Put leaking containers in a labelled drum or overdrum.

7. Handling and storage

Precautions for Safe Handling No specific measures

8. Exposure controls/personal protection

Occupational exposure limit values	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	
Other Exposure Information	Iron (III) chloride hexahydrate			1		
Appropriate engineering controls	No exposure standard has been established for this product.					
Respiratory Protection	No special equipment required.					
Eye Protection	Not normally required.					
Hand Protection	Normally not required but if in doubt ensure eye protection complies with Australian Standards AS 1337 and be selected and used in accordance with AS 1336.					
Personal Protective Equipment	Normally not required but if in doubt ensure hand protection should complies with AS 2161, Occupational protective gloves - Selection, use and maintenance.					
Hygiene Measures	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.					
	Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.					

9. Physical and chemical properties

Appearance	Brick red liquid.
Odour	Odourless
Melting Point	Approx. 0°C
Boiling Point	Approx. 100°C at 100kPa.
Solubility in Water	Completely.
Specific Gravity	~1.00
Flammability	Non flammable.

10. Stability and reactivity

Chemical Stability	Stable under normal use conditons.
Conditions to Avoid	None known
Incompatible Materials	None known
Hazardous Decomposition Products	No significant quantities of decomposition products are expected at temperatures normally achieved in a fire.
Hazardous Polymerization	Will not occur.

11. Toxicological Information

Toxicology Information	No adverse health effects expected if the product is handled in accordance with this Material Safety Data Sheet and the product label.
Ingestion	Significant oral exposure is considered to be unlikely. Unlikely to causes any irritation problems.
Inhalation	Unlikely to cause any irritation or discomfort.



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Skin	No adverse effects expected.
Eye	Believed to be non irritating to the eyes.
Carcinogenicity	Not classified as a human carcinogen.
Mutagenicity	No evidence of mutagenic properties.

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.

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 of the significant ingredients in this formulation are compliant with NICNAS regulations. Not listed under WHS Regulation 2011, Schedule 10 - Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Poisons Schedule Not Scheduled

16. Other Information

Literature References 'Standard for the Uniform Scheduling of Medicines and Poisons .', Commonwealth of Australia.
Lewis, Richard J. Sr. 'Hawley's Condensed Chemical Dictionary 13th. Ed.', Rev., John Wiley and Sons, Inc., NY, 1997.
National Road Transport Commission, 'Australian Code for the Transport of Dangerous Goods by Road and Rail 7th. Ed.', 2007.
Safe Work Australia, 'National Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals', 2011.
Standards Australia, 'SAA/SNZ HB 76:2010 Dangerous Goods - Initial Emergency Response Guide', Standards Australia/Standards New Zealand, 2010.
Safe Work Australia, 'Approved Criteria for Classifying Hazardous Substances [NOHSC:1008 (2004)]'.
Safe Work Australia, 'Hazardous Chemical Information System, 2005'.
Safe Work Australia, 'National Code of Practice for the Labelling of Safe Work Hazardous Substances (2011)'.
Safe Work Australia, 'National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995) 3rd Edition]'.
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