



# Safety Data Sheet

Infosafe No™ 3CHOD Issue Date : November 2020 RE-ISSUED by ABS

Product Name **CELESTIN BLUE IRON ALUM**

Not classified as hazardous

## 1. Identification

**GHS Product Identifier** CELESTIN BLUE IRON ALUM  
**Product Code** ACB  
**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)  
**E-mail Address** www.australianbiostain.com.au  
**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).

## 3. Composition/information on ingredients

<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>
	Glycerine	56-81-5	12.6 %
	Ammonium iron (III) sulfate dodecahydrate	7783-83-7	4.5 %
	Celestine blue	1562-90-9	<0.5 %
	Water to make a total of	7732-18-5	
	100%		

## 4. First-aid measures

**Inhalation** If inhaled, remove from contaminated area to fresh air immediately. Apply artificial respiration if not breathing. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.  
**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** Immediately remove contaminated clothing and wash affected area with water for at least 15 minutes. Ensure contaminated clothing is washed before re-use.  
**Eye contact** Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. In all cases of eye contamination it is a sensible precaution to seek medical advice.



# Safety Data Sheet

Infosafe No™ 3CHOD Issue Date : November 2020 RE-ISSUED by ABS

Product Name **CELESTIN BLUE IRON ALUM**

Not classified as hazardous

**First Aid Facilities** Maintain eyewash fountain 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

**Suitable extinguishing media** No limitations to the type of extinguishing media. This material is substantially water.

**Hazards from Combustion Products** Oxides of carbon.

**Specific Methods** Small fire: Use dry chemical, CO2, water spray or alcohol-resistant foam. Large fire: Use water spray, fog or foam.

**Precautions in connection with Fire** Wear SCBA and structural firefighter's uniform.

## 6. Accidental release measures

**Personal Precautions** Avoid inhalation, contact with skin, eyes and clothing.

**Personal Protection** Wear protective clothing specified for normal operations (see Section 8)

**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.

**Environmental Precautions** Prevent further leakage or spillage and prevent from entering drains

## 7. Handling and storage

**Precautions for Safe Handling** Do not eat, drink or smoke when using this product. Eye wash facilities and emergency shower must be available when handling this product. Good personal hygiene procedures should be implemented. Take off contaminated clothing and wash it before reuse. Wash promptly with soap and water if skin becomes contaminated.

**Conditions for safe storage, including any incompatibilities** Store in cool place and out of direct sunlight. Store away from sources of heat or ignition. Keep containers closed at all times. Keep in a well-ventilated place

## 8. Exposure controls/personal protection

Occupational exposure limit values	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	
	Glycerine			10		
<b>Other Exposure Information</b>	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/m3. All atmospheric contamination should be kept to as low a level as is workable.					
<b>Appropriate engineering controls</b>	A time weighted average (TWA) has been established for glycerin (Safe Work Australia) of 10 mg/m3.					
<b>Respiratory Protection</b>	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.					
	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.					
	Where ventilation is not adequate, respiratory protection may be required. Avoid breathing dust, vapours or mists. Respiratory protection should comply					



# Safety Data Sheet

Infosafe No™ 3CHOD Issue Date : November 2020 RE-ISSUED by ABS

Product Name **CELESTIN BLUE IRON ALUM**

Not classified as hazardous

<b>Eye Protection</b>	with AS 1716 - Respiratory Protective Devices and be selected in accordance with AS 1715 - Selection, Use and Maintenance of Respiratory Protective Devices. Filter capacity and respirator type depends on exposure levels. In event of emergency or planned entry into unknown concentrations a positive pressure, full-facepiece SCBA should be used. If respiratory protection is required, institute a complete respiratory protection program including selection, fit testing, training, maintenance and inspection. 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.
<b>Hand Protection</b>	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.
<b>Personal Protective Equipment</b>	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.
<b>Body Protection</b>	Clean clothing or protective clothing should be worn, preferably with and apron. Clothing for protection against chemicals should comply with AS 3765 Clothing for Protection Against Hazardous Chemicals.
<b>Hygiene Measures</b>	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

<b>Form</b>	Liquid
<b>Appearance</b>	Blue liquid.
<b>Odour</b>	Odourless.

## 10. Stability and reactivity

<b>Chemical Stability</b>	Stable under normal use conditons.
<b>Conditions to Avoid</b>	None known
<b>Incompatible Materials</b>	None known
<b>Hazardous Decomposition Products</b>	Oxides of carbon.

## 11. Toxicological Information

<b>Ingestion</b>	No adverse effects expected however large amounts may cause nausea and vomiting. May be harmful if swallowed. May cause drowsiness, gastrointestinal pain, cramps, nausea, headaches, dizziness, vomiting and diarrhoea, unconsciousness, and if excessively large amounts are ingested, may experience dehydration, nausea, vomiting, kidneys, coma and death may result.
<b>Inhalation</b>	Product is not expected to be irritating to the nose, throat or respiratory tract.
<b>Eye</b>	May cause slight irritation to the eyes with symptoms including redness.
<b>Respiratory sensitisation</b>	Not classified based on available information.
<b>Skin Sensitisation</b>	Not classified based on available information.
<b>Germ cell mutagenicity</b>	Not classified based on available information.
<b>Carcinogenicity</b>	Not classified based on available information.



# Safety Data Sheet

infosafe  
CS: 3.4.18

Page: 4 of 4

Infosafe No™ 3CHOD Issue Date : November 2020 RE-ISSUED by ABS

Product Name **CELESTIN BLUE IRON ALUM**

Not classified as hazardous

<b>Reproductive Toxicity</b>	Not classified based on available information.
<b>STOT-single exposure</b>	Not classified based on available information.
<b>STOT-repeated exposure</b>	Not classified based on available information.
<b>Serious eye damage/irritation</b>	Not classified based on available information.
<b>Mutagenicity</b>	Not classified based on available information.
<b>Skin corrosion/irritation</b>	Not classified based on available information.

## 12. Ecological information

<b>Environmental Protection</b>	Do not allow product to enter drains, waterways or sewers.
<b>Other Information</b>	To the best of our knowledge the substance has not been fully investigated for it's impact on the environment.

## 13. Disposal considerations

<b>Disposal Considerations</b>	Dispose of according to relevant local, state and federal government regulations.
--------------------------------	---

## 14. Transport information

<b>Transport Information</b>	Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. Not classified as a Dangerous Good according to the International Maritime Dangerous Goods Code (IMDG). Not classified as a Dangerous Good according to the International Air Transport Association (IATA).
------------------------------	--

## 15. Regulatory information

<b>Regulatory Information</b>	Not listed under WHS Regulation 2011, Schedule 10 - Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals. All of the significant ingredients in this formulation are compliant with Australian Industrial Chemicals Introduction Scheme (AICIS) regulations.
<b>Poisons Schedule</b>	Not Scheduled

## 16. Other Information

<b>Literature References</b>	'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'. ...End Of MSDS...
------------------------------	--

© Copyright Chemical Safety International Pty Ltd

Copyright in the source code of the HTML, PDF, XML, XFO and any other electronic files rendered by an Infosafe system for Infosafe MSDS displayed is the intellectual property of Chemical Safety International Pty Ltd.

Copyright in the layout, presentation and appearance of each Infosafe MSDS displayed is the intellectual property of Chemical Safety International Pty Ltd. The compilation of MSDS's displayed is the intellectual property of Chemical Safety International Pty Ltd.

Copying of any MSDS displayed is permitted for personal use only and otherwise is not permitted. In particular the MSDS's displayed cannot be copied for the purpose of sale or licence or for inclusion as part of a collection of MSDS without the express written consent of Chemical Safety International Pty Ltd.