

Infosafe No™ 3CHPT	Issue Date : July 2021	RE-ISSUED by ABS
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 Product Name **ALCIAN BLUE**

Not classified as hazardous

## 1. Identification

<b>GHS Product Identifier</b>	ALCIAN BLUE
<b>Product Code</b>	AAB1
<b>Product Type</b>	Water solution of ingredients.
<b>Company Name</b>	AUSTRALIAN BIOSTAIN Pty Ltd
<b>Address</b>	24 - 28 Stratton Drive, Traralgon, Victoria, Australia, 3844 www.australianbiostain.com.au
<b>Telephone/Fax Number</b>	Tel: (03) 5176 2855
<b>Emergency phone number</b>	CHEMCALL (24 hours): 1800 127 406 (Australia) / +64-4-917-9888 (International)
<b>E-mail Address</b>	www.australianbiostain.com.au
<b>Recommended use of the chemical and restrictions on use</b>	Laboratory reagent.
<b>Other Information</b>	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

<b>GHS classification of the substance/mixture</b>	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	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Acetic acid, glacial	64-19-7	<5 %
	Alcian Blue	75881-23-1	1 %
	Water to make a total of	7732-18-5	
	100%		
<b>Other Information</b>	This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.		

## 4. First-aid measures

<b>Inhalation</b>	Inhalation of any vapours from this product is not likely to present an acute hazard.
<b>Ingestion</b>	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.
<b>Skin</b>	Irritation unlikely. If irritation occurs wash with plenty of soap and water.
<b>Eye contact</b>	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

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**First Aid Facilities** attention  
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)

**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	
	Acetic acid, glacial	37	15	25	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>	No special equipment required.					
<b>Respiratory Protection</b>	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.					
<b>Eye Protection</b>	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.					
<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>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.					

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## 9. Physical and chemical properties

<b>Appearance</b>	Ble liquid.
<b>Odour</b>	Odourless.
<b>Melting Point</b>	Approx. 0°C
<b>Boiling Point</b>	Approx. 100°C at 100kPa.
<b>Solubility in Water</b>	Completely.
<b>Specific Gravity</b>	1.00
<b>pH</b>	2.5
<b>Vapour Pressure</b>	2.37 kPa at 20°C (water vapour pressure)
<b>Flammability</b>	Non flammable.

## 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>	No significant quantities of decomposition products are expected at temperatures normally achieved in a fire.
<b>Hazardous Polymerization</b>	Will not occur.

## 11. Toxicological Information

<b>Toxicology Information</b>	No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label.
<b>Ingestion</b>	Significant oral exposure is considered to be unlikely. Unlikely to causes any irritation problems.
<b>Inhalation</b>	Unlikely to cause any irritation or discomfort.
<b>Skin</b>	No adverse effects expected.
<b>Eye</b>	Believed to be non irritating to the eyes.
<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.
<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>Mutagenicity</b>	Not classified based on available information.

## 12. Ecological information

<b>Ecotoxicity</b>	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.
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## 13. Disposal considerations

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**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 (ADG); by the IATA Air Transport Dangerous Goods Regulations; or by the IMDG (International Maritime Dangerous Goods) Code.

#### 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 restricted hazardous chemicals.

**Poisons Schedule** Not Scheduled

**HSNO Approval Number** HSNO GROUP STANDARD:  
HSR002596 Laboratory Chemical and Reagent Kits

#### 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'.  
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