



Safety Data Sheet

infosafe
CS: 1.7.2

Page: 1 of 3

Infosafe No™ 3CHHW Issue Date : October 2019 RE-ISSUED by ABS

Product Name : **TOLUIDINE BLUE Solution**

Not classified as hazardous

1. Identification

GHS Product Identifier TOLUIDINE BLUE Solution
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 Names

Name

Product Code

TOLUIDINE BLUE 0.5% Solution
TOLUIDINE BLUE 1.0% Solution

ATB
ATB1

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 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

Chemical Characterization Liquid

Ingredients

<u>Name</u>	<u>CAS</u>	<u>Proportion</u>	<u>Hazard Symbol</u>	<u>Risk Phrase</u>
Acetic acid	64-19-7	1 %		
Toluidine Blue	92-31-9	0.5-1 %		
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. Do not induce vomiting. Seek medical advice if effects persist.
Skin Wash with plenty of soap and water. If irritation occurs seek medical advice.
Eye contact Irrigate with copious quantity of water for 15 minutes. Seek medical assistance if symptoms persist.
First Aid Facilities Maintain eyewash fountain and safety shower in work area.
Advice to Doctor Treat symptomatically.
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 May liberate toxic fumes in 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.



Safety Data Sheet

Infosafe No™ 3CHHW Issue Date : October 2019 RE-ISSUED by ABS

Product Name : **TOLUIDINE BLUE Solution**

Not classified as hazardous

Specific hazards arising from the chemical Material does not burn.

Precautions in connection with Fire Use suitable protective clothing and breathing equipment for surrounding fire.

6. Accidental release measures

Spills & Disposal No special procedures required.

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

Clean-up Methods - Small Spillages Absorb with dry earth, sand or other non-combustible material. Use clean nonsparking tools to collect and seal in properly labelled drums for disposal in an area approved by local authority bylaws. Wash area down with excess water to remove residual material.

7. Handling and storage

Precautions for Safe Handling Wash hands and face thoroughly after working with material. No specific measures

Conditions for safe storage, including any incompatibilities Store in a cool, dry place. Store away from acids. Keep containers closed at all times. Avoid contact with metals. Do not store or use with strong acids.

8. Exposure controls/personal protection

Occupational exposure limit values	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	
Other Exposure Information	Acetic acid	37	15	25	10	A time weighted average (TWA) has been established for Acetic Acid (Safe Work Aust) of 25 mg/m3, (10 ppm). The corresponding STEL level is 37 mg/m3,(15 ppm). The STEL (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. 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	Use only in well ventilated areas.				
Respiratory Protection	Not normally required.					
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	Hand protection should comply with AS 2161, Occupational protective gloves - Selection, use and maintenance.					
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.					

9. Physical and chemical properties

Form Liquid

Appearance Intense blue solution.

Odour Weakly acrid/vinegar.

Boiling Point ~100 °C

Solubility in Water Soluble

pH >3



Safety Data Sheet

infosafe
CS: 1.7.2

Page: 3 of 3

Infosafe No™ 3CHHW Issue Date : October 2019 RE-ISSUED by ABS

Product Name : **TOLUIDINE BLUE Solution**

Not classified as hazardous

Flammability Non combustible material.

10. Stability and reactivity

Chemical Stability Stable under normal use conditons.

Conditions to Avoid Incompatibles.

Incompatible Materials Metals.

Hazardous Polymerization Will not occur.

11. Toxicological Information

Ingestion No information available.

Inhalation Practically non-harmful by inhalation.
May cause mild irritation to the respiratory tract.

Skin May cause mild irritation and redness.

Eye May cause mild irritation and possible reddening.

Carcinogenicity No evidence of carcinogenic properties.

Chronic Effects Prolonged exposure may cause skin effects.

Mutagenicity No evidence of mutagenic properties.

12. Ecological information

Ecotoxicity Quantitative data on the ecological effect of this product are not available.

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 Listed in the Australian Inventory of Chemical Substances (AICS).

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]'.
...End Of MSDS...

© Copyright ACOHS 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 Acohs Pty Ltd.

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