



# Safety Data Sheet

Infosafe No™ 3CHH9 Issue Date : September 2019 RE-ISSUED by ABS

Product Name : **NATT & HERRICK'S Solution**

Classified as hazardous

## 1. Identification

<b>GHS Product Identifier</b>	NATT & HERRICK'S Solution
<b>Product Code</b>	ANH
<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>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>	Sensitization - Skin: Category 1A Carcinogenicity: Category 1B
<b>Signal Word (s)</b>	DANGER
<b>Hazard Statement (s)</b>	HH317 May cause an allergic skin reaction. H350 May cause cancer.
<b>Pictogram (s)</b>	Health hazard, Exclamation mark



<b>Precautionary statement – Prevention</b>	P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves/protective clothing/eye protection/face protection. P281 Use personal protective equipment as required.
<b>Precautionary statement – Response</b>	P302+P352 IF ON SKIN: Wash with plenty of soap and water. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P362 Take off contaminated clothing and wash before reuse. P308+P313 IF exposed or concerned: Get medical advice/attention.
<b>Precautionary statement – Storage</b>	P405 Store locked up.
<b>Precautionary statement – Disposal</b>	P501 Dispose of contents/container to an approved waste disposal plant.

## 3. Composition/information on ingredients

<b>Chemical Characterization</b>	Liquid
----------------------------------	--------



# Safety Data Sheet

Infosafe No™ 3CHH9 Issue Date : September 2019 RE-ISSUED by ABS

Product Name : **NATT & HERRICK'S Solution**

Classified as hazardous

di-Sodium hydrogen orthophosphate anhydrous	7558-79-4	<5 %
Sodium chloride	7647-14-5	<1 %
Potassium dihydrogen orthophosphate	7778-77-0	<1 %
Methyl violet	8004-87-3	<1 %
Formaldehyde	50-00-0	<1 %
Thymol	89-83-8	<0.001 %
Water to make total of 100%	7732-18-5	-

## 4. First-aid measures

<b>Inhalation</b>	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.
<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>	Wash affected areas with copious quantities of water immediately. Remove contaminated clothing and wash before re-use. If rapid recovery does not occur, obtain medical attention
<b>Eye contact</b>	If contact with the eye(s) occurs, wash with copious amounts of water for approximately 15 minutes holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If persistent irritation occurs, obtain medical attention.
<b>First Aid Facilities</b>	Maintain eyewash fountain and safety shower in work area.
<b>Advice to Doctor</b>	Treat symptomatically based on judgement of doctor and individual reactions of the patient.
<b>Other Information</b>	For advice, contact a Poisons Information Centre (Phone eg Australia 13 1126; New Zealand 0800 764 766) or a doctor at once.

## 5. Fire-fighting measures

<b>Specific Methods</b>	This product contains a substantial proportion of water therefore there are no restrictions on the type of extinguishing media which may be used.
<b>Precautions in connection with Fire</b>	SCBA and structural firefighter's uniform may provide limited protection. Fully-encapsulating, gas-tight suits should be worn for maximum protection.

## 6. Accidental release measures

<b>Personal</b>	Avoid inhalation, contact with skin, eyes and clothing.
<b>Precautions</b>	
<b>Personal Protection</b>	Wear protective clothing specified for normal operations (see Section 8)
<b>Clean-up Methods - Small Spillages</b>	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

<b>Precautions for Safe Handling</b>	No smoking or eating of food in area of use. Keep containers tightly closed at all times. Store in a cool dry place that is well ventilated and away from direct sunlight. Empty containers must be filled with water and rinsed out before disposal or recommissioning. Work in an area of good ventilation, an approved fume cupboard is preferred. No eating or drinking in workplace, wash hands whenever leaving work area.
--------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

## 8. Exposure controls/personal protection

Occupational exposure limit values	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	
	Formaldehyde	2.5	2	1.2	1	
<b>Other Exposure Information</b>	These Workplace Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These workplace exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity. 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. The STEL is an exposure value that should not be exceeded for more than 15 minutes and should not					



# Safety Data Sheet

Infosafe No™ 3CHH9 Issue Date : September 2019 RE-ISSUED by ABS

Product Name : **NATT & HERRICK'S Solution**

Classified as hazardous

<b>Appropriate engineering controls</b>	be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. In industrial situations 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. These methods should be used in preference to personal protective equipment.
<b>Respiratory Protection</b>	Where ventilation is not adequate, respiratory protection may be required. Avoid breathing vapours or mists. Select and use respirators in accordance with AS 1716 - Respiratory Protective Devices and be selected in accordance with AS 1715 - Selection, Use and Maintenance of Respiratory Protective Devices. When mists or vapours exceed the exposure standards then the use of the following is recommended: Approved respirator with organic vapour and dust/mist filters. Filter capacity and respirator type depends on exposure levels.
<b>Eye Protection</b>	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>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>	Liquid.
<b>Colour</b>	Faint purple.
<b>Solubility in Water</b>	Soluble in all proportions.
<b>Specific Gravity</b>	1.01 @ 20°C

## 10. Stability and reactivity

<b>Reactivity</b>	May form an explosive mixture with air when vigorously heated.
<b>Chemical Stability</b>	Stable under normal use conditons.
<b>Conditions to Avoid</b>	Temperature extremes.
<b>Incompatible Materials</b>	Strong alkali's.
<b>Hazardous Polymerization</b>	Will not occur.

## 11. Toxicological Information

<b>Acute Toxicity - Oral</b>	LD50 (rat): >200 mg/kg - Formaldehyde
<b>Ingestion</b>	May cause nausea, gastric irritation.
<b>Inhalation</b>	Non-harmful by inhalation.
<b>Skin</b>	May cause irritation, itchiness and redness.
<b>Eye</b>	May cause irritation and watering.
<b>Skin Sensitisation</b>	Sensitization - Skin: Category 1B H317 May cause an allergic skin reaction.
<b>Carcinogenicity</b>	Formaldehyde: Safe Work Australia: Carcinogenicity: Category 1B IARC: Group 1: Carcinogenic to humans. May cause cancer by inhalation.

## 12. Ecological information

<b>Short Summary of Assessment of Environmental Impact</b>	No ecological problems are to be expected when the product is handled and used with due care and attention.
------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------



# Safety Data Sheet

infosafe  
CS: 1.7.2

Page: 4 of 4

Infosafe No™ 3CHH9 Issue Date : September 2019 RE-ISSUED by ABS

Product Name : **NATT & HERRICK'S Solution**

Classified as hazardous

## 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** 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 NICNAS regulations.

**Poisons Schedule** S6

## 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.