



Safety Data Sheet

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Infosafe No™ 3CHJU Issue Date : November 2019 RE-ISSUED by ABS

Product Name : **MICHEL's TRANSPORT MEDIUM**

Not classified as hazardous

1. Identification

GHS Product Identifier	MICHEL's TRANSPORT MEDIUM
Product Code	AMM
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	Class II In vitro diagnostic transport 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.
Signal Word (s)	None.

3. Composition/information on ingredients

Chemical Characterization	Liquid																																			
Ingredients	<table><thead><tr><th><u>Name</u></th><th><u>CAS</u></th><th><u>Proportion</u></th><th><u>Hazard Symbol</u></th><th><u>Risk Phrase</u></th></tr></thead><tbody><tr><td>Ammonium Sulfate</td><td>7783-20-2</td><td>55 %</td><td></td><td></td></tr><tr><td>Trisodium citrate dihydrate</td><td>6132-04-3</td><td><1 %</td><td></td><td></td></tr><tr><td>Magnesium sulfate</td><td>7487-88-9</td><td><0.2 %</td><td></td><td></td></tr><tr><td>Ethylmaleimide</td><td>128-53-0</td><td><0.1 %</td><td></td><td></td></tr><tr><td>Potassium Hydroxide</td><td>1310-58-3</td><td><0.01 %</td><td></td><td></td></tr><tr><td>Water to make a total of 100%</td><td>7732-18-5</td><td>-</td><td></td><td></td></tr></tbody></table>	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>	<u>Hazard Symbol</u>	<u>Risk Phrase</u>	Ammonium Sulfate	7783-20-2	55 %			Trisodium citrate dihydrate	6132-04-3	<1 %			Magnesium sulfate	7487-88-9	<0.2 %			Ethylmaleimide	128-53-0	<0.1 %			Potassium Hydroxide	1310-58-3	<0.01 %			Water to make a total of 100%	7732-18-5	-		
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4. First-aid measures

Inhalation	Remove victim to fresh air. Seek medical advice if effects persist. Generally not required.
Ingestion	Rinse mouth thoroughly with water immediately. DO NOT INDUCE VOMITING. Seek medical advice if effects persist.
Skin	Wash affected areas with copious quantities of water immediately. Remove contaminated clothing and wash before re-use. Seek medical advice if effects persist.
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 based on judgement of doctor and individual reactions of the patient.
Other Information	For advice, contact a Poisons Information Centre (Phone eg Australia 13 1126; New Zealand 0800 764 766) or a doctor.

5. Fire-fighting measures

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.
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Specific hazards arising from the chemical Use measures suitable for extinguishing surrounding fire.
Material does not burn or will propose an explosion risk

6. Accidental release measures

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

Clean-up Methods - Small Spillages Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.
Contaminated area may be neutralised by washing with weak or dilute reducing agent.

7. Handling and storage

Precautions for Safe Handling No specific measures

Conditions for safe storage, including any incompatibilities Store in a cool, well ventilated area, out of direct sunlight. Keep containers closed when not in use.
Store in original container.

8. Exposure controls/personal protection

Occupational exposure limit values	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	
	Potassium Hydroxide			2		Peak limitation
Other Exposure Information	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.					
Appropriate engineering controls	Safe Work Australia has established the above exposure limits for Potassium hydroxide. 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.					
Respiratory Protection	Maintain concentration below recommended exposure limit. Local exhaust ventilation system may be required. Respirator 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. Normally not required.					
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	Wear suitable protective clothing and gloves to prevent skin contact.					

9. Physical and chemical properties

Form Liquid

Appearance Clear colourless liquid.

Odour Mild characteristic odour.

Freezing Point Approx 0°C.

Boiling Point Approx 100°C at 100kPa.



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Solubility in Water Completely soluble.
pH 6.9-7.2
Flammability Non combustible material.

10. Stability and reactivity

Chemical Stability Stable under normal use conditons.
Incompatible Materials Variuos metals and alloys.
Possibility of hazardous reactions Avoid oxidising agents and alkali metals.
Hazardous Polymerization Will not occur.

11. Toxicological Information

Toxicology Information No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. If mishandled or overexposed to this product the following symptoms or effects may occur.
Acute Toxicity - Oral LD50 Ammonium Sulphate:- 2840mg/kg oral rat.
Ingestion May cause gastric irritation.
Inhalation Inhalation of vapour may cause irritation to the mucous membranes and respiratory tract.
Skin May cause irritation.
Eye May cause irritation.
Respiratory sensitisation Not classified based on available information.
Skin Sensitisation Not classified based on available information.
Germ cell mutagenicity Not classified based on available information.
Carcinogenicity No significant ingredient is classified as carinogenic by Safe Work Australia.
No significant ingredient is classified as carinogenic by International Agency for Reseach on Cancer.
Reproductive Toxicity Not classified based on available information.
STOT-single exposure Not classified based on available information.
STOT-repeated exposure Not classified based on available information.
Aspiration Hazard Not classified based on available information.
Mutagenicity Not classified based on available information.

12. Ecological information

Ecological Information No ecology data available for this product. No ecological problems are to be expected when the product is handled and used with due care and attention.
Mobility Product is readily diluted with water , and may find its way into waterways, grasslands and soils.

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



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16. Other Information

Literature

'Standard for the Uniform Scheduling of Medicines and Poisons .', Commonwealth of Australia.

References

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Safe Work Australia, 'Hazardous Chemical Information System, 2005'.

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