



Infosafe No™	1CH65	Issue Date : March 2020	RE-ISSUED by CHEMSUPP
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Product Name : **SODIUM ACETATE Trihydrate**

Not classified as hazardous

1. Identification

GHS Product Identifier	SODIUM ACETATE Trihydrate		
Company Name	CHEM-SUPPLY PTY LTD (ABN 19 008 264 211)		
Address	38 - 50 Bedford Street GILLMAN SA 5013 Australia		
Telephone/Fax Number	Tel: (08) 8440-2000		
Emergency phone number	CHEMCALL 1800 127 406 (Australia) / +64-4-917-9888 (International)		
Recommended use of the chemical and restrictions on use	Buffer, mordant in dyeing, pharmaceutical aid, food additive, soaps, photography, tanning, medicine, meat preservation and laboratory reagent.		
Other Names	<u>Name</u>		<u>Product Code</u>
	SODIUM ACETATE Trihydrate AR		SA105

Other Information

Chem-Supply 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 Chem-Supply 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 Chem-Supply 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).
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3. Composition/information on ingredients

Chemical Characterization	Solid				
Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>	<u>Hazard Symbol</u>	<u>Risk Phrase</u>
	Sodium acetate trihydrate	6131-90-4	100 %		

4. First-aid measures

Inhalation	Remove victim to fresh air. Seek medical advice if effects persist.
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	Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek medical advice if effects persist.
First Aid Facilities	Maintain eyewash fountain and safety shower in work area.
Advice to Doctor	Treat symptomatically.
Other Information	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

Suitable extinguishing media	Use fire extinguishing media appropriate for surrounding environment. Use water spray, dry chemical, carbon dioxide, or appropriate foam.
Hazards from Combustion Products	May liberate toxic fumes including oxides of carbon and sodium/sodium oxides.



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Specific hazards arising from the chemical	May burn but do not ignite readily. Containers may explode when heated. Runoff may pollute waterways. Fire may produce irritating, poisonous and/or corrosive gases.
Precautions in connection with Fire	Wear SCBA and structural firefighter's uniform.

6. Accidental release measures

Personal Precautions	Avoid substance contact. Avoid generation of dusts: do not inhale dusts. Ensure supply of fresh air in enclosed rooms.
Personal Protection	Wear protective clothing specified for normal operations (see Section 8)
Clean-up Methods - Small Spillages	Sweep up (avoid generating dust) and remove to a suitable, clearly labelled container for disposal in accordance with local regulations.

7. Handling and storage

Precautions for Safe Handling	Avoid generation or accumulation of dusts. Avoid prolonged or repeated contact with skin and eyes . Wash hands and face thoroughly after working with material.
Conditions for safe storage, including any incompatibilities	Store away from oxidizing agents. Keep containers closed at all times. Keep away from direct sunlight. Keep container dry
Storage Temperatures	Keep at room temp. (15-25 °C).

8. Exposure controls/personal protection

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/m ³ . All atmospheric contamination should be kept to as low a level as is workable. A time weighted average (TWA) concentration for an 8 hour day, and 5 day week has not been established by Work Safe Australia for this product. There is a blanket limit of 10 mg/m ³ for dusts when limits have not otherwise been established.
Appropriate engineering controls	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.
Respiratory Protection	Where ventilation is not adequate, respiratory protection may be required. Avoid breathing dust, vapours or mists. Respiratory protection should comply 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.
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. Excellent: NR latex. Good: vinyl, nitrile, neoprene.
Personal Protective Equipment	Final choice of personal protective equipment will depend on individual circumstances and/or according to risk assessments undertaken.
Footwear	Safety boots in industrial situations is advisory, foot protection should comply with AS 2210, Occupational protective footwear - Guide to selection, care and use.
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	Solid
Appearance	Colourless crystals or granules.
Odour	Odourless.
Melting Point	58 °C
Boiling Point	Becomes anhydrous @ 120 °C



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Solubility in Water	Very soluble
Solubility in Organic Solvents	Soluble in ether. Slightly soluble in alcohol.
Specific Gravity	1.45
pH	pH (0.1 molar aqueous solution, @ 25 °C): 8.9
Flammability	Combustible.
Auto-Ignition Temperature	607 °C
Molecular Weight	136.08
Other Information	Efflorescent in warm air.

10. Stability and reactivity

Chemical Stability	Stable. Efflorescent in warm air. Hygroscopic.
Conditions to Avoid	Incompatibles.
Incompatible Materials	Oxidising agents. Nitrates (risk of explosion!).
Hazardous Decomposition Products	May liberate toxic fumes including oxides of carbon and sodium/sodium oxides.
Hazardous Polymerization	Will not occur.

11. Toxicological Information

Acute Toxicity - Oral	LD50 (rat): 3530 mg/kg.
Ingestion	May cause irritation to the gastric tract causing nausea and vomiting.
Inhalation	May cause irritation to the respiratory tract. Symptoms may include coughing and dyspnoea.
Skin	May cause mechanical irritation resulting in redness and itching.
Eye	Dust may cause mechanical irritation, redness and itching.
Carcinogenicity	No evidence of carcinogenic properties.
Chronic Effects	Prolonged or repeated exposure to this material will result in skin irritation leading to possible dermatitis, may also aggravate existing respiratory disorders. Absorptions of large quantities may lead to gastrointestinal complaints.
Mutagenicity	No evidence of mutagenic properties.

12. Ecological information

Persistence and degradability	Biologic degradation (anhydrous substance) Biodegradation: 99%/28d. Readily biodegradable.
Bioaccumulative Potential	No bioaccumulation is to be expected (log P(o/w) <1.0). log Po/w = -4.22 (anhydrous substance)
Acute Toxicity - Fish	LC50 (L. macrochirus): 5000 mg/l/24 h (anhydrous substance) LC50 (L. idus): >1000 mg/l/48 h (anhydrous substance)
Acute Toxicity - Daphnia	EC50 (Daphnia magna): >1000 mg/l/48 h (anhydrous substance)
Acute Toxicity - Bacteria	EC50 (Ps. putida): 7200 mg/l/18 h (anhydrous substance)
Other Information	No ecological problems are to be expected when the product is handled and used with due care and attention.

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.
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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.
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15. Regulatory information

Regulatory Information	Listed in the Australian Inventory of Chemical Substances (AICS). Not listed under WHS Regulation 2011, Schedule 10 - Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.
Poisons Schedule	Not Scheduled

16. Other Information

Literature References	<p>'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]'.</p>
Contact Person/Point	<p>Paul McCarthy Ph. (08) 8440 2000 DISCLAIMER STATEMENT: All information provided in this data sheet or by our technical representatives is compiled from the best knowledge available to us. However, since data, safety standards and government regulations are subject to change and the conditions of handling and use, or misuse, are beyond our control, we make no warranty either expressed or implied, with respect to the completeness or accuracy to the information contained herein. Chem-Supply accepts no responsibility whatsoever for its accuracy or for any results that may be obtained by customers from using the data and disclaims all liability for reliance on information provided in this data sheet or by our technical representatives.</p>
Empirical Formula & Structural Formula	<p>CH₃COONa.3H₂O ...End Of MSDS...</p>

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