



Infosafe No™	1CHAK	Issue Date : July 2019	RE-ISSUED by CHEMSUPP
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Product Name : **SODIUM THIOSULFATE Solution**

Not classified as hazardous

1. Identification

GHS Product Identifier	SODIUM THIOSULFATE Solution		
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 Fax: (08) 8440-2001		
Emergency phone number	CHEMCALL 1800 127 406 (Australia) / +64-4-917-9888 (International)		
Recommended use of the chemical and restrictions on use	Photography (fixing agent to dissolve unchanged silver salts from exposed negatives), chrome tanning, removing chlorine in bleaching and papermaking, dechlorination of water, mordant, bleaching, reducing agent in chrome dyeing, antidote for cyanide poisoning and analytical and laboratory reagent.		
Other Names	<u>Name</u>	<u>Product Code</u>	
	SODIUM THIOSULFATE Solution 0.1M (0.1N)	SL140	
	Sodium subsulfite solution		
	SODIUM THIOSULFATE Solution 0.2M (0.2N)	SL171	

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).

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>
	Water	7732-18-5	90-99 %		
	Sodium thiosulfate	7772-98-7	1-10 %		

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. Give plenty of water to drink. 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	Use extinguishing media most appropriate for the surrounding fire. No limitations to the type of extinguishing media.



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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)**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.**8. Exposure controls/personal protection****Appropriate engineering controls** No special ventilation required.**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.**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** Clear, colourless solution.**Odour** Odourless.**Boiling Point** ~100 °C**Solubility in Water** Soluble**Solubility in Organic Solvents** Insoluble in acetone.**Specific Gravity** 1.00 - 1.14**pH** Aqueous solution is neutral: pH 6.5 - 8.0.**Flammability** Non combustible material.**10. Stability and reactivity****Chemical Stability** Stable under normal use conditions.**Conditions to Avoid** Incompatibles.**Incompatible Materials** Strong oxidising agents, metal nitrates, sodium nitrite, iodine, acids, lead, mercury and silver salts. The generally known reaction partners of water.**Hazardous Decomposition Products** Carbon monoxide and carbon dioxide.**Hazardous Polymerization** Will not occur.**11. Toxicological Information**



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Ingestion	May cause mild irritation to the gastrointestinal tract. Ingestion of large doses may cause digestion disturbances with nausea, abdominal cramps, vomiting and diarrhea.
Inhalation	Practically non-harmful by inhalation.
Skin	May cause mild irritation to the respiratory tract. 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.
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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).
Poisons Schedule	Not Scheduled

16. Other Information

Date of preparation or last revision of SDS	July 2009
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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]'. Paul McCarthy Ph. (08) 8440 2000 DISCLAIMER STATEMENT:
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Empirical Formula & Structural Formula	Na ₂ S ₂ O ₃ + aq
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...End Of MSDS...



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Safety Data Sheet

infosafe
CS: 1.7.2

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