



Infosafe No™ 1CH6S	Issue Date :August 2011	-ISSUED by CHEMSUPP	CS: 1.4.95
--------------------	-------------------------	---------------------	------------

Product Name **SODIUM SULFITE Anhydrous**

Not classified as hazardous according to criteria of NOHSC

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** SODIUM SULFITE Anhydrous

**Company Name** CHEM-SUPPLY PTY LTD (ABN 19 008 264 211)

**Address** 50 Bedford Street GILLMAN  
SA 5013 Australia

**Telephone/Fax Number** Tel: (08) 8440-2000  
Fax: (08) 8440-2001

**Recommended Use** Paper industry (semi-chemical pulp), reducing agent (dyes), water treatment, photographic developer, food preservative and antioxidant, textile bleaching (antichlor), analytical reagent and laboratory reagent.  
\*Use prohibited in meats and other sources of vitamin B1.\*

<b>Other Names</b>	<b>Name</b>	<b>Product Code</b>
	SODIUM SULFITE Anhydrous AR	SA011
	SODIUM SULFITE Anhydrous LR	SL011

**Other Information** EMERGENCY CONTACT NUMBER: +61 08 8440 2000  
Business hours: 8:30am to 5:00pm, Monday to Friday.

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. HAZARDS IDENTIFICATION

**Hazard Classification** Not classified as hazardous according to criteria of NOHSC  
NON-HAZARDOUS SUBSTANCE.  
NON-DANGEROUS GOODS.  
Hazard classification according to the criteria of NOHSC.  
Dangerous goods classification according to the Australia Dangerous Goods Code.

**Risk Phrase(s)** Not classified as hazardous according to criteria of NOHSC

**Teratogenicity** No evidence of teratogenic effects.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Characterization** Solid

<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>	<b>Hazard Symbol</b>	<b>Risk Phrase</b>
	Sodium sulfite	7757-83-7	100 %		

## 4. FIRST AID MEASURES

**Inhalation** Remove victim to fresh air. Employ artificial respiration if indicated. Seek medical advice.

**Ingestion** Rinse mouth thoroughly with water immediately. Seek immediate medical assistance.

**Skin** Wash affected areas with copious quantities of water. Seek medical attention.

**Eye** Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek medical attention.

**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.



Infosafe No™ 1CH6S	Issue Date :August 2011	-ISSUED by CHEMSUPP	CS: 1.4.95
--------------------	-------------------------	---------------------	------------

Product Name **SODIUM SULFITE Anhydrous**

Not classified as hazardous according to criteria of NOHSC

## 5. FIRE FIGHTING MEASURES

**Hazards from Combustion Products** May liberate toxic fumes in fire such as sulfur oxides.

**Specific Methods** Small fire: Use dry chemical, CO<sub>2</sub>, water spray or foam.  
Large fire: Use water spray, fog or foam.  
If safe to do so, move undamaged containers from the fire area.  
Cool containers with flooding quantities of water until well after the fire is out.

**Specific Hazards** Decomposes on heating emitting toxic fumes.  
Material does not burn. Runoff may pollute waterways. Fire or heat may produce irritating, poisonous and/or corrosiv fumes. Containers may explode when heated.

**Precautions in connection with Fire** Wear SCBA and structural firefighter's uniform.

## 6. ACCIDENTAL RELEASE MEASURES

**Spills & Disposal** Sweep up, but avoid generating dust. Wash area down with excess water.

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

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling** Avoid prolonged or repeated contact with skin and eyes . Wash hands and face thoroughly after working with material.

**Conditions for Safe Storage** Keep containers closed at all times. Store in a cool, dry place. Store in cool place and out of direct sunlight.

**Storage Temperatures** Store at room temperature (15 to 25 °C recommended).

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Other Exposure Information** A time weighted average (TWA) concentration for an 8 hour day, and 5 day week has not been established by NOHSC Australia for this product. There is a blanket limit of 10 mg/m<sup>3</sup> for dusts or mists when limits have not otherwise been established.

**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 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.

**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** Solid

**Appearance** White crystals or powder.

**Odour** Odourless.



Infosafe No™ 1CH6S Issue Date : August 2011 -ISSUED by CHEMSUPP CS: 1.4.95

Product Name **SODIUM SULFITE Anhydrous**

Not classified as hazardous according to criteria of NOHSC

<b>Melting Point</b>	> 500 °C (decomposition).
<b>Solubility in Water</b>	Very soluble (220 g/L @ 20 °C)
<b>Solubility in Organic Solvents</b>	Soluble in glycerol. Practically insoluble in alcohol.
<b>Specific Gravity</b>	2.633
<b>pH Value</b>	pH = 8.8 - 10 (50g/l H <sub>2</sub> O, 20°C)
<b>Coefficient Water/Oil Distr.</b>	Log P(o/w): -4
<b>Flammability</b>	Non combustible material.
<b>Molecular Weight</b>	126.04

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under normal use conditons. Hygroscopic
<b>Conditions to Avoid</b>	Exposure to air. Exposure to moisture.
<b>Incompatible Materials</b>	Acids, oxidising agents, and nitrites.
<b>Hazardous Decomposition Products</b>	Oxides of sulfur.
<b>Hazardous Reactions</b>	Will react with water, steam or acids to produce a toxic and corrosive material.

## 11. TOXICOLOGICAL INFORMATION

<b>Inhalation</b>	May cause irritation to respiratory system. May be harmful if inhaled.
<b>Ingestion</b>	May be harmful if swallowed. May cause gastric irritation, diarrhoea.
<b>Skin</b>	May be harmful if absorbed through the skin. May cause irritation to skin.
<b>Eye</b>	Slightly irritating to eyes.
<b>Chronic Effects</b>	There are no known adverse effects following chronic exposure to the material.
<b>Mutagenicity</b>	No evidence of mutagenic properties.
<b>Carcinogenicity</b>	No evidence of carcinogenic properties.
<b>Acute Toxicity - Oral</b>	LD50 (rat): 2610 mg/kg
<b>Acute Toxicity - Inhalation</b>	LC50 (rat): >5.5 mg/l/4h

## 12. ECOLOGICAL INFORMATION

<b>Ecological Information</b>	No ecological problems are to be expected when the product is handled and used with due care and attention.
<b>Persistence / Degradability</b>	Methods for the determination of biodegradability are not applicable to inorganic substances.
<b>Environmental Fate</b>	Behaviour in environmental compartments: Distribution: log P(o/w): -4 (@ 25 °C, experimental).
<b>Bioaccumulative Potential</b>	No bioaccumulation is to be expected (log P(o/w) <1.0).
<b>Acute Toxicity - Fish</b>	LC50 (Leuciscus idus): 315 mg/l /96 h.
<b>Acute Toxicity - Algae</b>	EC50 (Pseudomonas putida): 260 mg/l /17 h.
<b>Other Information</b>	Use prohibited in meats and other sources of vitamin B1. Further ecologic data: COD: 0.125 g/g

## 13. DISPOSAL CONSIDERATIONS

<b>Disposal Considerations</b>	Whatever cannot be saved for recovery or recycling should be dispose of according to relevant local, state and federal government regulations.
--------------------------------	--



chem-supply

Page: 4 of 4

Infosafe No™ 1CH6S	Issue Date :August 2011	-ISSUED by CHEMSUPP	CS: 1.4.95
--------------------	-------------------------	---------------------	------------

Product Name **SODIUM SULFITE Anhydrous**

Not classified as hazardous according to criteria of NOHSC

**Other Information** The pH of waste-collection containers should be adjusted to 6 - 8.**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**

**Contact Person/Point** 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.

**Empirical Formula & Structural Formula**Na<sub>2</sub>SO<sub>3</sub>**Literature References**

Australian Government Department of Health and Ageing, 'Standard for the Uniform Scheduling of Drugs and Poisons No. 24', Commonwealth of Australia 2009.  
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.  
South Australia Government, 'Approved Code of Practice for the Labelling of Workplace Substances', 1995.  
Standards Australia 'AS 1940-2004 The Storage and Handling of Flammable and Combustible Liquids.  
Standards Australia, 'SAA/SNZ HB 76:2010 Dangerous Goods - Initial Emergency Response Guide', Standards Australia/Standards New Zealand, 2010.  
Worksafe Australia, 'Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(2004)]'.  
Worksafe Australia, 'Hazardous Substances Information System, 2005'.  
Worksafe Australia, 'National Code of Practice for the Labelling of Workplace Substances [NOHSC:2012(1994)]'.  
Worksafe Australia, 'National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995)]'.

**User Codes**

<u>User Field Title</u>	<u>User Code</u>
CAS No.	7757-83-7
...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 on this site is the intellectual property of Acohs Pty Ltd.  
Copyright in the layout, presentation and appearance of each Infosafe MSDS displayed on this site is the intellectual property of Acohs Pty Ltd.  
The compilation of MSDS's displayed on this site is the intellectual property of Acohs Pty Ltd.  
Copying of any MSDS displayed on this site is permitted for personal use only and otherwise is not permitted. In particular the MSDS's displayed on this site cannot be