



chem-supply

# Safety Data Sheet

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Infosafe No™	1CHEN	Issue Date : July 2018	RE-ISSUED by CHEMSUPP
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Product Name : **PONCEAU S**

Classified as hazardous

## 1. Identification

<b>GHS Product Identifier</b>	PONCEAU S		
<b>Company Name</b>	CHEM-SUPPLY PTY LTD (ABN 19 008 264 211)		
<b>Address</b>	38 - 50 Bedford Street GILLMAN SA 5013 Australia		
<b>Telephone/Fax Number</b>	Tel: (08) 8440-2000 Fax: (08) 8440-2001		
<b>Recommended use of the chemical and restrictions on use</b>	Protein stain suitable for agarose and cellulose acetate electrophoresis and microscopy.		
<b>Other Names</b>	<b>Name</b>	<b>Product Code</b>	
	Tetrasodium 3-hydroxy-4-(2-sulfonato-4-(sulfonatophenylazo)phenylazo)naphthalene-2,7-disulphonate C.I. 27195 Acid Red 9 Acid Red 112 PONCEAU S LR	PL235	
<b>Other Information</b>	3-Hydroxy-4-(2-sulfo-4-(2sulfo-4-[4-sulfophenylazo]phenylazo)-2,7-naphthalenedisulfonic acid sodium salt 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. Hazard Identification

<b>GHS classification of the substance/mixture</b>	Eye Damage/Irritation: Category 2A Skin Corrosion/Irritation: Category 2 Specific Target Organ Toxicity Single Exposure Category 3 (respiratory tract irritation)
<b>Signal Word (s)</b>	WARNING
<b>Hazard Statement (s)</b>	H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation.
<b>Pictogram (s)</b>	Exclamation mark



<b>Precautionary statement – Prevention</b>	P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection.
<b>Precautionary statement – Response</b>	P302+P352 IF ON SKIN: Wash with plenty of soap and water. P332+P313 If skin irritation occurs: Get medical advice/attention. P362 Take off contaminated clothing and wash before reuse. P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P312 Call a POISON CENTER or doctor/physician if you feel unwell.



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**Precautionary statement – Storage**

**Precautionary statement – Disposal**

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P501 Dispose of contents/container to an approved waste disposal plant.

### 3. Composition/information on ingredients

Chemical Solid

**Characterization**

**Ingredients**

Name	CAS	Proportion	Hazard Symbol	Risk Phrase
3-Hydroxy-4-[2-sulfo-4(4-sulfophenylazo)phe nylazo-]2,7-naphthalenedi sulfonic acid, tetrasodium salt	6226-79-5	0-100 %	Xi	R36/37/38

### 4. First-aid measures

**Inhalation** If inhaled, remove from contaminated area to fresh air immediately. Apply artificial respiration if not breathing. If breathing is difficult, give oxygen. Immediately obtain medical aid if cough or other symptoms appear.

**Ingestion** 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.

**Skin** Wash affected areas with copious quantities of water. Remove contaminated clothing and wash before re-use. If persistent irritation occurs, obtain medical attention.

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

**First Aid Facilities** Maintain eyewash fountain and drench facilities in work area.

**Advice to Doctor** Treat symptomatically. For advice, contact a Poisons Information Centre (Phone eg Australia 131 126; New Zealand Phone 0800 POISON (0800-764-766)).

### 5. Fire-fighting measures

**Hazards from Combustion** Carbon monoxide (CO) Carbon dioxide (CO<sub>2</sub>) Nitrogen oxides (NO<sub>x</sub>) Sulfur oxides Sodium oxides

**Products**

**Specific Methods** May burn but do not ignite readily. Small fire: Use dry chemical, CO<sub>2</sub>, water spray or foam.

### 6. Accidental release measures

**Spills & Disposal** Avoid breathing dust and contact with skin and eyes.

**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 using clean non-sparking tools transfer to a clean, suitable, clearly labelled container for disposal in accordance with local regulations.

### 7. Handling and storage

**Precautions for Safe Handling** Ensure the appropriate personal protective equipment is used when handling this material. Avoid generating and inhaling dust.

**Conditions for safe storage, including any incompatibilities** Store in a cool, dry place. Keep containers securely sealed and protected against physical damage.

### 8. Exposure controls/personal protection

**Occupational exposure limit values** No exposure standards have been established for this product by Safe Work Australia, however, the TWA exposure standard for dusts not otherwise specified is 10 mg/m<sup>3</sup>.

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<b>Appropriate engineering controls</b>	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 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.
<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>	Hand protection should comply with AS 2161 Industrial Safety Gloves and Mittens (Excluding Electrical and Medical Gloves).
<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>Footwear</b>	Safety boots in industrial situations is advisory, foot protection should comply with AS 2210, Occupational protective footwear - Guide to selection, care and use.
<b>Body Protection</b>	Wear suitable protective clothing to prevent skin contact. Clothing for protection against chemicals should comply with AS 3765 Clothing for Protection Against Hazardous Chemicals.
<b>Hygiene Measures</b>	Do not eat, drink or smoke in work areas. Wash hands thoroughly after handling this material. Maintain good housekeeping.

## 9. Physical and chemical properties

<b>Form</b>	Solid
<b>Appearance</b>	Dark red to black solid crystalline powder.
<b>Odour</b>	Odourless.
<b>Solubility in Water</b>	10 g/L @ 20 °C
<b>pH</b>	~ 9.0 (10 g/L, H <sub>2</sub> O @ 20 °C)
<b>Flammability</b>	Combustible.
<b>Molecular Weight</b>	760.58

## 10. Stability and reactivity

<b>Chemical Stability</b>	Stable under normal temperatures and pressures. Decomposes when heated.
<b>Conditions to Avoid</b>	High temperatures and incompatible materials.
<b>Incompatible Materials</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	Oxides of carbon, sulfur and nitrogen compounds.
<b>Hazardous Polymerization</b>	Will not occur.

## 11. Toxicological Information

<b>Toxicology Information</b>	To the best of our knowledge, the toxicological properties of this material have not been fully investigated.
<b>Ingestion</b>	May be harmful if swallowed.
<b>Inhalation</b>	Irritating to respiratory system.
<b>Skin</b>	Irritating to skin.
<b>Eye</b>	Irritating to eyes.
<b>Carcinogenicity</b>	Not listed in the IARC Monographs.
<b>Reproductive Toxicity</b>	No information available.
<b>Chronic Effects</b>	No information found.



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**Mutagenicity** No information available.**12. Ecological information****Ecotoxicity** No information available.**Persistence and degradability** Soluble in water Persistence is unlikely based on information available.**Mobility** Will likely be mobile in the environment due to its water solubility.**13. Disposal considerations****Disposal Considerations** Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and 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. Listed in the Australian Inventory of Chemical Substances (AICS).**Poisons Schedule** Not Scheduled**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 Substances 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

**Contact****Person/Point**

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**Empirical Formula & Structural Formula** C22H12N4O13S4Na4  
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