



Infosafe No™	1CHH8	Issue Date : February 2019	RE-ISSUED by CHEMSUPP
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Product Name : **CRESOL RED**

Not classified as hazardous

**1. Identification**

<b>GHS Product Identifier</b>	CRESOL RED		
<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>Emergency phone number</b>	CHEMCALL 1800 127 406 (Australia) / +64-4-917-9888 (International)		
<b>Recommended use of the chemical and restrictions on use</b>	Acid-base indicator. pH indicator: pH 0.5 (Brown-orange) to pH 2.5 (Yellow) pH 6.5 (Brown-yellow) to pH 8.5 (Red-violet)		
<b>Other Names</b>	<b>Name</b>	<b>Product Code</b>	
	o-Cresolsulfonphthalein o-CRESOL RED LR	CL207	
<b>Other Information</b>	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>	Classified as non-Hazardous according to the Globally Harmonised System of classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia. Not classified as dangerous goods according to the Australian Dangerous Goods Code (ADG).
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**3. Composition/information on ingredients**

<b>Chemical Characterization</b>	Solid				
<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>	<b>Hazard Symbol</b>	<b>Risk Phrase</b>
	o-Cresol red	1733-12-6	100 %		

**4. First-aid measures**

<b>Inhalation</b>	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.
<b>Ingestion</b>	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.
<b>Skin</b>	Wash with plenty of soap and water. If irritation occurs seek medical advice.
<b>Eye contact</b>	Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. If rapid recovery does not occur, obtain medical attention
<b>First Aid Facilities</b>	Maintain eyewash fountain and safety shower in work area.
<b>Advice to Doctor</b>	Treat symptomatically based on judgement of doctor and individual reactions of the patient.
<b>Other Information</b>	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**

<b>Hazards from Combustion Products</b>	Toxic fumes including oxides of carbon and sulfur.
<b>Specific Methods</b>	Small fire: Use dry chemical, CO2, water spray or foam.



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**Specific hazards arising from the chemical**  
 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.  
 May burn but do not ignite readily. 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**  
 Use personal protective equipment listed in 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**  
 Avoid generation or accumulation of dusts. Avoid prolonged or repeated contact with skin, eyes and clothing. Wash hands and face thoroughly after working with material. Use with adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.  
 Use fume cupboard when making up indicator solution.

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

**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<sup>3</sup>. All atmospheric contamination should be kept to as low a level as is workable.

**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. These methods should be used in preference to personal protective equipment.

**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.  
 Recommendation: Nitrile, Neoprene gloves.

**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**  
 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**  
Reddish-brown powder.

**Melting Point**  
290 - 300 °C

**Solubility in Water**  
Slightly soluble.



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<b>Flammability</b>	Combustible.
<b>Molecular Weight</b>	382.44
<b>Other Information</b>	Bulk density: 600-620 kg/m3.

**10. Stability and reactivity**

<b>Chemical Stability</b>	Stable under normal use conditons.
<b>Incompatible Materials</b>	Strong oxidising agents, strong mineral acids.
<b>Hazardous Decomposition Products</b>	Toxic fumes including carbon monoxide, carbon dioxide and sulfur oxides.
<b>Hazardous Polymerization</b>	Will not occur.

**11. Toxicological Information**

<b>Ingestion</b>	May be harmful if ingested causing irritation to gastrointestinal tract.
<b>Inhalation</b>	May be harmful if inhaled causing irritation to respiratory system.
<b>Skin</b>	May be harmful if absorbed through the skin. Causes irritation to skin.
<b>Eye</b>	Irritating to eyes.
<b>Carcinogenicity</b>	No evidence of carcinogenic properties.
<b>Mutagenicity</b>	No evidence of mutagenic effects.

**12. Ecological information**

<b>Ecotoxicity</b>	Quantitative data on the ecological effect of this product are not available.
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**13. Disposal considerations**

<b>Disposal Considerations</b>	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.
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**14. Transport information**

<b>Transport Information</b>	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**

<b>Regulatory Information</b>	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.
<b>Poisons Schedule</b>	Not Scheduled

**16. Other Information**

<b>Literature References</b>	'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 <b>DISCLAIMER STATEMENT:</b> 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
<b>Contact Person/Point</b>	



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# Safety Data Sheet

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**Empirical Formula & Structural Formula** C<sub>21</sub> H<sub>18</sub> O<sub>5</sub> S

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