

Infosafe No™ 3CHAK      Issue Date : February 2022      RE-ISSUED by CHEMSUPP

Product Name **BROMOCRESOL GREEN**

Not classified as hazardous

## Section 1 - Identification

**Product Identifier** BROMOCRESOL GREEN  
**Company Name** CHEMSUPPLY AUSTRALIA 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)  
**E-mail Address** www.chemsupply.com.au

**Recommended use of the chemical and restrictions on use** pH indicator below pH 3.8 - Yellow and above pH 5.4 - Blue.

<b>Other Names</b>	<u><b>Name</b></u>	<u><b>Product Code</b></u>
	BROMOCRESOL GREEN LR	BL163

### Other Information

ChemSupply Australia 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 ChemSupply Australia 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 ChemSupply Australia 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.

## Section 2 - Hazard(s) Identification

**GHS Classification of the Substance/Mixture** Classified as non-Hazardous according to the 7th Edition Globally Harmonised System of classification and labelling of Chemicals (GHS7) including Work, Health and Safety regulations, Australia.  
 Not classified as dangerous goods according to the Australian Dangerous Goods Code (ADG).

## Section 3 - Composition and Information on Ingredients

<b>Ingredients</b>	<u><b>Name</b></u>	<u><b>CAS</b></u>	<u><b>Proportion</b></u>
	BROMOCRESOL GREEN	76-60-8	100 %

## Section 4 - First Aid Measures

**Inhalation** Remove from exposure, rest and keep warm.

**Ingestion** Rinse mouth thoroughly with water immediately. Give plenty of water to drink. Never give anything by mouth to an unconscious person. If swallowed, do NOT induce vomiting. Seek medical attention in severe cases.

**Skin** Wash affected area thoroughly with copious amounts of running water. Remove contaminated clothing and wash before reuse. Seek medical attention in severe cases.

**Eye** If contact with the eye(s) occurs, wash with copious amounts of water for approximately 15 minutes holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. Seek medical attention.

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

**Advice to Doctor** Treat symptomatically based on judgement of doctor and individual reactions of the patient.

## Section 5 - Firefighting Measures

Infosafe No™ 3CHAK	Issue Date : February 2022	RE-ISSUED by CHEMSUPP
--------------------	----------------------------	-----------------------

Product Name **BROMOCRESOL GREEN**

Not classified as hazardous

<b>Hazards from Combustion Products</b>	Toxic and/or irritating fumes including carbon monoxide, carbon dioxide, sodium oxides, sulfur oxides (SO <sub>2</sub> , SO <sub>3</sub> , SO <sub>x</sub> ), halogenated compounds, hydrogen bromide gas (HBr), bromides, bromines and bromine gas.
<b>Specific Methods</b>	Use dry chemical, CO <sub>2</sub> , water spray or foam.

## Section 6 - Accidental Release Measures

<b>Personal Precautions</b>	Avoid inhalation, contact with skin, eyes and clothing.
<b>Personal Protection</b>	Wear protective clothing specified for normal operations (see Section 8)
<b>Clean-up Methods - Small Spillages</b>	Sweep up (avoid generating dust) and remove to a suitable, clearly labelled container for disposal in accordance with local regulations.

## Section 7 - Handling and Storage

<b>Precautions for Safe Handling</b>	Avoid ingestion and inhalation of dust. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Minimize dust generation and accumulation. Keep containers closed when not in use. Use with adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Wash thoroughly after handling. Protect against physical damage. Keep container dry.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in suitable, labelled, tightly closed containers, in a cool, dry, well-ventilated area away from incompatible substances. Store away from oxidizing agents. P
<b>Storage Temperatures</b>	Store at room temperature (15 to 25 °C recommended).

## Section 8 - Exposure Controls and Personal Protection

<b>Other Exposure Information</b>	A time weighted average (TWA) concentration for an 8 hour day, and 5 day week has not been established by Safe Work Australia for this product. There is a blanket limit of 10 mg/m <sup>3</sup> for dusts when limits have not otherwise been established.
<b>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.
<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 and Face 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, Occupational protective gloves - Selection, use and maintenance. Recommendation: Plastic or rubber gloves.
<b>Personal Protective Equipment</b>	Final choice of personal protective equipment will depend on individual circumstances and/or according to risk assessments undertaken.
<b>Body Protection</b>	Flame retardant antistatic protective clothing. 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.
<b>Hygiene Measures</b>	Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

## Section 9 - Physical and Chemical Properties

<b>Form</b>	Solid
-------------	-------

Infosafe No™ 3CHAK      Issue Date : February 2022      RE-ISSUED by CHEMSUPP

Product Name **BROMOCRESOL GREEN**

Not classified as hazardous

<b>Colour</b>	Biege to tan to yellow to light brown powder.
<b>Odour</b>	Characteristic odour.
<b>Melting Point</b>	217 - 218°C.
<b>Solubility in Water</b>	Insoluble at 20°C.
<b>Solubility in Organic Solvents</b>	Soluble in alcohols.
<b>Volatile Component</b>	0 %vol @ 21 °C
<b>Partition Coefficient: n-octanol/water (log value)</b>	log Pow: 7.86
<b>Flammability</b>	Combustible.
<b>Molecular Weight</b>	698.02

## Section 10 - Stability and Reactivity

<b>Chemical Stability</b>	Stable under normal temperatures, pressures and ordinary conditions of use and storage.
<b>Possibility of Hazardous Reactions</b>	Reactive with oxidizing agents.
<b>Conditions to Avoid</b>	Incompatible materials, dust generation, excess heat, light.
<b>Incompatible Materials</b>	Strong acids and bases, strong oxidisers and strong reducing agents.
<b>Hazardous Decomposition Products</b>	Toxic and/or irritating fumes including carbon monoxide, carbon dioxide, carbon, sodium oxides, bromine gas, hydrogen bromide gas, bromines, halogenated compounds and sulfur oxides (SO <sub>x</sub> ).
<b>Hazardous Polymerization</b>	Will not occur.

## Section 11 - Toxicological Information

<b>Ingestion</b>	Ingestion of large amounts may cause gastrointestinal irritation with nausea, vomiting and diarrhoea.
<b>Inhalation</b>	May cause respiratory tract irritation. Symptoms may include coughing and shortness of breath.
<b>Skin</b>	May cause skin irritation, with redness, itchiness and pain. May be harmful if absorbed through the skin.
<b>Eye</b>	Dust may cause mechanical irritation. This product contains an anionic dye. Similar dyes have not caused injury to the cornea or conjunctiva in documented exposure cases with human or rabbit eyes.
<b>Carcinogenicity</b>	Not listed in the IARC Monographs.

## Section 12 - Ecological Information

<b>Bioaccumulative Potential</b>	This substance is expected to significantly bioaccumulate.
----------------------------------	--

## Section 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.
--------------------------------	--

## Section 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.
------------------------------	--

## Section 15 - Regulatory Information

<b>Poisons Schedule</b>	Not Scheduled
-------------------------	---------------

Infosafe No™ 3CHAK      Issue Date : February 2022      RE-ISSUED by CHEMSUPP

Product Name **BROMOCRESOL GREEN**

Not classified as hazardous

## Section 16 - Any Other Relevant Information

**Literature References** 'Standard for the Uniform Scheduling of Medicines and Poisons .', Commonwealth of Australia.  
National Road Transport Commission, 'Australian Code for the Transport of Dangerous Goods by Road and Rail 7th. Ed.'.  
Safe Work Australia, 'National Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals'.  
Standards Australia, 'SAA/SNZ HB 76:2010 Dangerous Goods - Initial Emergency Response Guide', Standards Australia/Standards New Zealand.  
Safe Work Australia, 'Hazardous Chemical Information System'.  
Safe Work Australia, 'National Code of Practice for the Labelling of Safe Work Hazardous Substances'.  
Safe Work Australia, 'National Exposure Standards for Atmospheric Contaminants in the Occupational Environment'.  
**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. ChemSupply Australia Pty Ltd 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** C<sub>21</sub>H<sub>14</sub>Br<sub>4</sub>O<sub>5</sub>S•Na  
  
...End Of MSDS...

© Copyright Chemical Safety International 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 is the intellectual property of Chemical Safety International Pty Ltd.

Copyright in the layout, presentation and appearance of each Infosafe MSDS displayed is the intellectual property of Chemical Safety International Pty Ltd. The compilation of MSDS's displayed is the intellectual property of Chemical Safety International Pty Ltd.

Copying of any MSDS displayed is permitted for personal use only and otherwise is not permitted. In particular the MSDS's displayed cannot be copied for the purpose of sale or licence or for inclusion as part of a collection of MSDS without the express written consent of Chemical Safety International Pty Ltd.