

|                    |                        |                       |
|--------------------|------------------------|-----------------------|
| Infosafe No™ 3CH5B | Issue Date : July 2022 | RE-ISSUED by CHEMSUPP |
|--------------------|------------------------|-----------------------|

Product Name **CARMOISINE RED**

Not classified as hazardous

## 1. Identification

**GHS Product Identifier** CARMOISINE RED

**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** Concentrated food ingredient; food dye.

| Other Names | <u>Name</u>  | <u>Product Code</u> |
|-------------|--|---------------------|
|             | Brilliant Crimson Red  |                     |
|             | Carmoisine B   |                     |
|             | Chromotrope FB   |                     |
|             | Food red 3   |                     |
|             | C.I. 14720 (122)   |                     |
|             | Acid Red 14  |                     |
|             | Mordant Blue 79  |                     |
|             | CARMOISINE RED TG  | CT359               |
|             | Edicol red   |                     |
|             | 4-Hydroxy-3[(4-sulfo-1-naphthalenyl)azo]-1-naphthalenesulfonic acid, disodium salt |                     |
|             | Azo Rubine   |                     |

### 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.

## 2. Hazard 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).

## 3. Composition/information on ingredients

**Information on Composition** Dye Content: 88% approx.

| Ingredients | <u>Name</u>    | <u>CAS</u> | <u>Proportion</u> |
|-------------|----------------|------------|-------------------|
|             | Carmoisine red | 3567-69-9  | 100 %             |

## 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

|                    |                        |                       |
|--------------------|------------------------|-----------------------|
| Infosafe No™ 3CH5B | Issue Date : July 2022 | RE-ISSUED by CHEMSUPP |
|--------------------|------------------------|-----------------------|

Product Name **CARMOISINE RED**

Not classified as hazardous

|                             |  |
|-----------------------------|--|
| <b>Ingestion</b>            | oxygen. Immediately obtain medical aid if cough or other symptoms appear. 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 affected areas with copious quantities of water immediately. Remove contaminated clothing and wash before re-use. Seek medical attention in severe cases, or if irritation develops.  |
| <b>Eye contact</b>          | 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 if any effects of exposure persist, or immediately if extending from physical injury. |
| <b>First Aid Facilities</b> | Eye wash and normal washroom facilities.   |
| <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 a Poisons Information Centre (Phone eg Australia 13 1126; New Zealand 0800 764 766) or a doctor.   |

## 5. Fire-fighting measures

|   |  |
|---|--|
| <b>Hazards from Combustion Products</b>           | Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. Nitrogen, and under some circumstances, oxides of nitrogen. Oxides of sulfur and water.  |
| <b>Specific Methods</b>                           | Use extinguishing media most appropriate for the surrounding fire. No limitations to the type of extinguishing media.<br>Small fire: Use dry chemical, CO <sub>2</sub> , water spray or foam.<br>Large fire: Use water spray, fog or foam. |
| <b>Specific hazards arising from the chemical</b> | Material does not burn. Runoff may pollute waterways. Fire or heat may produce irritating, poisonous and/or corrosive fumes. Containers may explode when heated.   |
| <b>Precautions in connection with Fire</b>        | Wear SCBA and structural firefighter's uniform.  |

## 6. Accidental release measures

|   |  |
|---|--|
| <b>Personal Precautions</b>               | Avoid substance contact. Avoid generation of dusts: do not inhale dusts. Ensure supply of fresh air in enclosed rooms.   |
| <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 using clean non-sparking tools transfer to a clean, suitable, clearly labelled container for disposal in accordance with local regulations. |

## 7. Handling and storage

|   |   |
|---|---|
| <b>Precautions for Safe Handling</b>                                | Handle in accordance with good hygiene and safety practice. Avoid the raising and deposition of dust.<br>Avoid prolonged breathing of fumes. Avoid repeated or prolonged exposure. Minimise accumulation or generation of vapour or dust in the working atmosphere. Ensure ventilation is adequate. Keep containers closed when not in use. Use only in well ventilated area. Wear appropriate protective equipment. It is essential that all who come into contact with this material, maintain high standards of personal hygiene i.e. washing hands prior to eating, drinking, smoking or going to the toilet. The usual precautions taken when handling of dyes should be observed. |
| <b>Conditions for safe storage, including any incompatibilities</b> | Store in tightly sealed containers in a cool, dry, well-ventilated area. Store away from extreme heat and open flames.  |
| <b>Corrosiveness</b>  | Not corrosive.  |

## 8. Exposure controls/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. |
|-----------------------------------|---|

|                    |                        |                       |
|--------------------|------------------------|-----------------------|
| Infosafe No™ 3CH5B | Issue Date : July 2022 | RE-ISSUED by CHEMSUPP |
|--------------------|------------------------|-----------------------|

Product Name **CARMOISINE RED**

Not classified as hazardous

|   |   |
|---|---|
| <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.  |
| <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, Occupational protective gloves - Selection, use and maintenance. Recommendation: PVC or neoprene 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>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>                  | Clean clothing or protective clothing should be worn. 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.   |

## 9. Physical and chemical properties

|                                       |  |
|---------------------------------------|--|
| <b>Form</b>                           | Solid  |
| <b>Appearance</b>                     | Dark red powder or granules.                                     |
| <b>Odour</b>                          | Odourless.   |
| <b>Melting Point</b>                  | Expected to decompose before melting.                            |
| <b>Solubility in Water</b>            | Soluble 20 g/l at 20°C: 80 g/l at 95°C.                          |
| <b>Solubility in Organic Solvents</b> | Sparingly soluble in ethanol.                                    |
| <b>Specific Gravity</b>               | 0.80   |
| <b>pH</b>                             | ~7.0   |
| <b>Volatile Component</b>             | Expected to be low at 100 °C.                                    |
| <b>Flammability</b>                   | Non flammable.   |
| <b>Explosion Properties</b>           | This product may form flammable or explosive dust clouds in air. |
| <b>Molecular Weight</b>               | 502.44   |

## 10. Stability and reactivity

|   |  |
|---|--|
| <b>Chemical Stability</b>               | Stable under condition of normal handling and use, but sensitive to moist air. This product is unlikely to spontaneously decompose.                                    |
| <b>Conditions to Avoid</b>              | Heating to high temperatures, sources of ignition, storage under damp atmosphere, exposure to moisture, exposure to light, dust generation and incompatible materials. |
| <b>Incompatible Materials</b>           | Strong reducing agents, decolourising agents, strong acids and alkalies, strong oxidizing agents.  |
| <b>Hazardous Decomposition Products</b> | Carbon dioxide, carbon monoxide, nitrogen, and under some circumstances, oxides of nitrogen and oxides of sulfur.  |

|                    |                        |                       |
|--------------------|------------------------|-----------------------|
| Infosafe No™ 3CH5B | Issue Date : July 2022 | RE-ISSUED by CHEMSUPP |
|--------------------|------------------------|-----------------------|

Product Name **CARMOISINE RED**

Not classified as hazardous

**Hazardous Polymerization** Will not occur.

## 11. Toxicological Information

**Acute Toxicity - Oral** LD50 (rat): >10000 mg/kg.

**Ingestion** Single dose oral toxicity is considered to be low. No hazards are anticipated from swallowing small amounts incidental to normal handling operations. However, swallowing large quantities may cause irritation to the gastrointestinal system. Symptoms may include nausea, vomiting, diarrhoea and abdominal pain.

**Inhalation** May cause irritation to the respiratory tract, especially where vapours or dusts are generated. May lead to minor discomfort which should quickly disappear once exposure has ceased.

**Skin** May cause mild irritation to skin, which can result in redness and itching. However, it is unlikely to cause any more than mild transient discomfort, or any lasting effects.

**Eye** May cause irritation to eye, which can result in redness, swelling, itching, stinging and excessive tearing. However, it is unlikely to cause any more than mild transient discomfort, or any significant lasting effects.

**Carcinogenicity** Carmoisine [3567-69-9] is evaluated in the IARC Monographs (Vol. 8, Suppl. 7; 1987) as Group 3: Not classifiable as to carcinogenicity to humans.

**Serious eye damage/irritation** Eye Irritation Data: Not irritating to eye.

**Skin corrosion/irritation** Dermal Irritation Data: Not irritating to skin.

**Other Information** Acceptable Daily Intake: 0-2.5 mg/kg body weight (JECFA; EEC).

## 12. Ecological information

**Ecotoxicity** Quantitative data on the ecological effect of this product are not available.

**Environmental Protection** Do not allow to enter waters, waste water, or soil!

## 13. Disposal considerations

**Disposal Considerations** Dispose 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. Not classified as a Dangerous Good according to the International Maritime Dangerous Goods Code (IMDG). Not classified as a Dangerous Good according to the International Air Transport Association (IATA).

## 15. Regulatory information

**Poisons Schedule** Not Scheduled

## 16. Other 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

|                    |                        |                       |
|--------------------|------------------------|-----------------------|
| Infosafe No™ 3CH5B | Issue Date : July 2022 | RE-ISSUED by CHEMSUPP |
|--------------------|------------------------|-----------------------|

Product Name **CARMOISINE RED**

Not classified as hazardous

**Contact Person/Point**

in the Occupational Environment'.

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**

C20 H12 N2 O7 S2.2Na

...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.