

AQUARIUS RUBBER (AUST) PTY LTD

Red Back Drain Dye Red

Date of issue: 3 November 2016

**1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION**

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|--------------------------------|---|
| Product identification: | Red Back Drain Dye Red |
| Code: | RED402 |
| Recommended use: | General purpose water soluble colourant |

Details of the supplier of the safety data sheet · Manufacturer/Supplier:

Aquarius Rubber (Aust) PTY LTD

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FOR CHEMICAL EMERGENCY CALL POISONS INFORMATION CENTRE : 13 11 26

2. HAZARDS IDENTIFICATION

| | |
|----------------------------------|---|
| Classification: | The substance is not classified according to the Global Harmonised System GHS |
| Signal word: | Not applicable |
| Hazard statements: | Not applicable |
| Precautionary statements: | Not applicable |
| NFPA Ratings (scale 0-4) | Health 0 Fire 0 Reactivity 0 |
| HMIS Ratings (scale 0-4) | Health 0 Fire 0 Reactivity 0 |
| PBT | Not applicable |
| vPvB | Not applicable |

3. COMPOSITION INFORMATION

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| Colour Index No: | Ponceau 4R Food Red 7/Acid Red 18 16255 |
| Chemical Name: | Trisodium-2-hydroxy-1-(4-Sulphonato-1-Naphthylazo)-naphthalene-6, B-Sulphonate |
| CAS Number: | 2611-82-7 |
| Chemical Family: | Monoazo Dyestuff |
| Chemical Formula: | C ₂₀ H ₁₄ N ₂ O ₁₀ S ₃ .3Na |
| Molecular Weight: | 604.48 g/mol |
| Components: | Ponceau 4R |
| Colour Index | Food Red 7 |
| CAS no. | 2611-82-8 |
| WT% | >95% |

4. FIRST AID MEASURES

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| Inhalation: | Remove to fresh air. If breathing is difficult, have qualified personnel administer oxygen. |
| Skin contact: | Wash exposed area with soap and water. Remove contaminated clothing and footwear. If irritation develops, get medical attention. Wash clothing before reuse. |
| Eye contact: | Immediately flush with running water for several minutes while holding eyelids apart to ensure thorough flushing. Washing within one minute is essential to achieve maximum effectiveness. If irritation develops, get medical attention. |
| Ingestion: | Do not induce vomiting. Dilute by drinking water or milk. If vomiting occurs, administer more liquids. Never give fluids or induce vomiting if patient is unconscious. |

5. FIRE FIGHTING MEASURES

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| Extinguishing media: | Water spray, dry chemical, foam or carbon dioxide |
| Fire fighting procedures: | Wear full protective suit and self-contained breathing apparatus when fighting chemical fires. Use water spray to cool exposed containers. |
| Special hazards: | If this product is involved in a fire, oxides of carbon, nitrogen, sulphur and/or sodium may be released. |

6. ACCIDENTAL RELEASE MEASURES

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| Small spill: | Soak up with absorbent material and transfer into a suitable container. |
| Large spill: | Wear appropriate personal protective equipment. Contain spill and pump into suitable disposal container. Notify appropriate governmental authorities if spill enters waterways. |

7. HANDLING AND STORAGE

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| Handling precautions: | Handle with due care and avoid personal contact. Since emptied containers retain product residues (vapors, liquid and/or solid), all hazard precautions given in this SDS must be observed. Ensure good ventilation in the workplace. |
| Storage requirements: | Store at normal temperatures and conditions of warehousing. Keep container closed when not in use. Store away for oxidising agents. |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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| Engineering controls: | Chemical fume hood with forced ventilation recommended. |
| General protective measures: | Keep away from foodstuffs. Remove any contaminated clothing and wash before re-use. Wash hands before and after handling product. Avoid contact with eyes and skin. |
| Eye and face protection: | Safety glasses or splash goggles. |

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| Skin protection: | Protective work clothing. Impervious |
| Breathing apparatus: | Use dust mask routinely. In higher concentrations use breathing equipment. |
| Other: | Good housekeeping practices should include making sure all containers are kept closed and properly stored. Properly maintain an eyewash facility in the work area. |

9. PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance: | Red powder |
| Explosive limits: | Not determined |
| Odour: | Slight |
| Vapor pressure: | Not determined |
| Odour threshold: | Not determined |
| Vapor density: | Not determined |
| pH: | 7-8 @ 10g/l, 20°C |
| Melting/freezing point: | Not determined |
| Boiling point: | Not determined |
| Flash point: | Not determined |
| Sublimation temp.: | Not determined |
| Flammability: | Not determined |
| Relative density: | 600kg/m ³ |
| Solubility: | 350g/l @ 20°C |
| Partition coefficient: | Not determined |
| Auto ignition temp.: | Not determined |
| Decomposition temp.: | Not determined |
| Viscosity: | Not applicable |

10. STABILITY AND REACTIVITY

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| Reactivity: | Stable under normal conditions |
| Stability: | Stable under normal conditions |
| Hazardous polymerisation: | Will not occur |
| Materials/conditions to avoid: | Strong oxidising agents, alkalis |
| Incompatible materials: | Oxidising agents |
| Hazardous decomposition products: | Oxides of carbon, nitrogen, sulphur and sodium |

11. TOXICOLOGICAL INFORMATION

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| Acute toxicity: | LD50 oral, rat, >8000mg/kg The RTECS contains acute toxicity data for this substance: QJ6530000 |
| Skin irritation or corrosion: | Based on available data, classification criteria are not met |
| Eye irritation or corrosion: | Based on available data, classification criteria are not met |
| Respiratory or skin sensitisation: | Based on available data, classification criteria are not met |
| Germ cell mutagenicity: | Hamster fibroblast Cytogenetic analysis |
| Carcinogenicity: | No component of this product present at levels $\geq 0.1\%$ is identified as a possible, probable or confirmed human carcinogen by IARC |
| Reproductive toxicity: | Not determined |
| Specific target organ toxicity: | |
| single exposure: | Eyes Skin Lungs |
| repeated exposure: | None known |
| Aspiration hazard: | None known |
| Additional information: | When used according to specifications, the product does not have any harmful effects. Exposure to any chemical should be kept to a minimum. Always follow safe industrial hygiene practices. |

12. ECOLOGICAL INFORMATION

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| Ecotoxicity: | No information known |
| Persistence and degradability: | No information known |
| Bioaccumulation potential: | Not applicable |
| Mobility in soil: | No information known |
| Other adverse effects: | None known |

13. DISPOSAL CONSIDERATIONS

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| Product: | Where possible, recycle unused product to process. Dispose of unused product to authorised hazardous waste facility in accordance with local regulations. |
| Packaging: | Empty containers must be disposed of in accordance with local regulations. |
| Recommended cleaning agent: | Water |
| Further information: | All recovered materials should be packaged, labeled, transported and disposed of or reclaimed in conformance with applicable local laws and regulations. |

14. TRANSPORT INFORMATION

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| UN number: | Not applicable |
| ADG code: | Not applicable |
| RID: | Not applicable |
| IMDG: | Not applicable |
| IATA DGR: | Not applicable |
| DOT Classification: | Not a DOT controlled material (United States) |
| Shipping name: | Ponceau 4R |
| ADG code: | Not applicable |
| RID | Not applicable |
| IMDG | Not applicable |
| IATA DGR: | Not applicable |
| Transport hazard class: | Not applicable |
| ADG code: | Not applicable |
| RID | Not applicable |
| IMDG | Not applicable |
| IATA DGR: | Not applicable |
| Packaging group: | Not applicable |
| ADG code: | Not applicable |
| RID | Not applicable |
| IMDG | Not applicable |
| IATA DGR: | Not applicable |

Environmental hazards for transport purposes:

| | |
|------------------|----------------|
| ADG code: | Not applicable |
| RID | Not applicable |
| IMDG | Not applicable |
| IATA DGR: | Not applicable |

Special precautions for user:

Not applicable

Hazchem emergency code:

This product is not subject to current regulations for transportation of dangerous goods (ADG, RID, IMDG, IATA DGR).

15. REGULATORY INFORMATION

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| AICS: | Listed |
| SUSMP: | Not listed |
| IARC: | Not listed |
| State and local regulations: | Handling and use of this product must be in accordance with local, state and federal regulations relating to correct practise and must comply with Work, Health & Safety provisions in the jurisdiction it is being used. |

16. OTHER INFORMATION

This Safety Data Sheet (SDS) has been prepared in accordance with Safe Work Australia's code of practice (2011) for the Preparation of Safety Data Sheets for Hazardous Chemicals which is approved under section 274 of the Work Health and Safety (WHS) Act. It is consistent with the United Nations (UN) Global Harmonised System (GHS) for classification and labelling of Chemicals.

Regulations, documents and/or codes referred to in this SDS include:

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|-----------------|---|
| ADG | Australian Dangerous Goods code for transport of dangerous goods by road or rail, 7th edition |
| AICS | Australian Inventory of Chemical Substances |
| IMDG | International Maritime Dangerous |
| IATA DGR | International Air Transport |
| RTECS | the Registry of Toxic Effects of Chemical Substances |
| RID | International carriage of dangerous goods by rail regulations |
| SUSMP | (Australian) Standard for the Uniform Scheduling of Medicines and Poisons |
| IARC | International Agency for Research on Cancer |
| NFPA | National Fire Prevention Agency (US) |
| HMIS | Hazardous Materials Identification |
| PBT | Persistent Bioaccumulative Toxic |
| vPvB | very Persistent, very Bioaccumulative |

The information in this document is given to provide details of known hazards and is prepared from sources believed reliable, and can only be used for safety and health purposes. Aquarius Rubber (Aust) Pty Ltd makes no warranty that it is in all cases correct and sufficient. Prepared along Worksafe guidelines. This material safety data sheet can only be copied in its entirety without any alterations.