



Red Back Drain Dye Red

Date of issue: 23 January 2025



1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

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

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

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:	C20H14N2O10S3.3Na
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

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

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

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

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

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.

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

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

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

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

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

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

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

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:

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

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