



SAFETY DATA SHEET

DATE: 20th November 2024

1. Identification

Product Name: DMPS Monohydrate (2,3-Dimercapto-1-propanesulfonic acid sodium salt monohydrate)

CAS Number: 207233-91-8

Recommended use/Use advised against: No information available

Details of the Australian Supplier:

Astral Scientific Pty Ltd
29 Mangrove Lane
Taren Point NSW 2229

Company Phone Number: 02 9540 2055

Email Address: support@astralscientific.com.au

Emergency Telephone Number: 13 11 26

2. Hazard(s) Identification

Classification

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

Label Elements including Precautionary Statements

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.



GHS OK

3. Composition / Information on ingredients

Component	CAS #	Purity / Weight %
DL-2,3-Dimercapto-1-propanesulfonic acid, sodium salt monohydrate	207233-91-8	<=100

4.First-aid measures

General Advice	Treat symptomatically.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
Skin Contact	In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower. Consult a physician.
Inhalation	Remove to fresh air. Get medical attention immediately if symptoms occur.
Ingestion	Clean mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur.
Most important symptoms/effects	None reasonably foreseeable.

5.Fire-fighting measures

Suitable extinguishing media	No information available
Unsuitable extinguishing media	No information available

Specific hazards arising from the chemical

Keep product and empty container away from heat and sources of ignition.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6.Accidental release measure

Personal precautions	Ensure adequate ventilation. Use personal protective equipment as required. Avoid dust formation.
Environmental precautions	Should not be released into the environment. See Section 12 for additional Ecological Information.
Methods for containment/clean-up	Sweep up and shovel into suitable containers for disposal. Avoid dust formation.

7.Handling and storage

Handling	Wear personal protective equipment/face protection. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Avoid ingestion and inhalation. Avoid dust formation.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place.

8.Exposure controls / personal protection

Personal protective equipment

Eye/Face protection	Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses
Skin and body protection	Wear appropriate protective gloves and clothing to prevent skin exposure.
Respiratory protection	Use a approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice.

9.Physical and chemical properties

Physical state	Solid
Appearance	No information available
Odor	No information available
Odor threshold	No information available
pH	No information available
Melting point/range	No information available
Boiling point/range	No information available
Flash point	No information available
Evaporation rate	Not applicable
Flammability (solid, gas)	No information available
Flammability or explosive elements	
Upper	No information available
Lower	No information available
Vapor pressure	No information available
Vapor density	Not applicable
Specific gravity	No information available
Solubility	No information available
Partition coefficient; n-octanol/water	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available

Viscosity Not applicable

10.Stability and reactivity

Reactive hazard None known, based on information available

Stability Stable under normal conditions

Conditions to avoid Incompatible products.

Incompatible materials Strong oxidizing agents

Hazardous decomposition products None under normal use conditions

Hazardous reactions None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

11.Toxicological information

Acute Toxicity

Product information / Component information No information available

Toxicologically synergistic products No information available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Irritation No information available

Sensitization No information available

Carcinogenicity No information available

Mutagenic effects No information available

Reproductive effects No information available

Developmental effects No information available

Teratogenicity No information available

STOT – single exposure None known

STOT – repeated exposure None known

Aspiration hazard No information available

Endocrine disruptor information No information available

Other adverse effects The toxicological properties have not been fully investigated.

12. Ecological information

Ecotoxicity

No information available

Persistence and degradability No information available

Bioaccumulation/accumulation No information available

Mobility No information available

13. Disposal considerations

Waste disposal methods No information available

14. Transport information

DOT Not dangerous goods

TDG Not dangerous goods

IATA Not dangerous goods

IMDG/IMO Not dangerous goods

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Other regulations:

Observe work restrictions regarding maternity protection in accordance to Dir 92/85/EEC or stricter national regulations where applicable. Take note of Dir 94/33/EC on the protection of young people at work.

Revision date 20th November 2024

Revision Note No information available.

Disclaimer

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End of Safety Data Sheet

