

SAFETY DATA SHEET

MRPAU 20 mL Bacteriostatic Water, 0.9% Benzyl Alcohol Research / Laboratory Use Only

Product	Document Status	Version	Revision Date
Bacteriostatic Water 20 mL Vial (Pack of 1) - Sterile Water Solution with 0.9% Benzyl Alcohol - Bac Water for Laboratory and Research Use	Issued	1.4 AU	17/05/2026

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY

Product identifier	MRPAU Lab Supply Bacteriostatic Water, 0.9% Benzyl Alcohol, 20 mL single vial. ASIN: B0H5L296Y8; preserved sterile water.
Other names	Bac water; bacteriostatic water; preserved sterile water.
Specification / batch reference	20 mL/bottle; production batch no. 0008145; production date 03 May 2026; inspection report date 17 May 2026.
Recommended use	Research and laboratory supply.
Uses advised against	No therapeutic, diagnostic, clinical, injection, or human/animal use unless lawfully supplied, labelled, and prescribed/used under the appropriate medical framework.
Manufacturer / supplier	Hebei Luozhi Medical Technology Co., Ltd.
Supplier contact	Zoey
Supplier address	Room 1301, Block A, Zhongfang Yuan'ai Plaza, TiYu North Street, Chang'an District, Shijiazhuang, Hebei, China.
Supplier contact e-mail	zoey@ggpl1.com
Australian importer / distributor	MRPAU Lab Supply Company number: ACN 698 773 983 Contact: MRPAU Lab Supply OH&S Officer Unit 17 / 27 Graystone Court Epping VIC 3076 Australia
Emergency telephone	Australia: Poisons Information Centre 13 11 26 (24 hours). For life-threatening emergencies call 000. Supplier contact: zoey@ggpl1.com.

2. HAZARDS IDENTIFICATION

GHS classification	Not classified as hazardous based on available product and mixture information.
Signal word	Not classified.
Hazard statements	Not classified in accordance with applicable workplace safety criteria.
Precautionary statements	Use standard laboratory hygiene. Avoid contact with eyes, skin and clothing. Avoid breathing mist or vapour. Wash hands after handling.
Other hazards	May cause mild eye irritation. No additional hazards identified from available product information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS No.	EC / EINECS	GHS classification	Concentration
Benzyl Alcohol	100-51-6	202-859-9	Acute Tox. 4 (H302); Acute Tox. 4 (H332)	0.9%
Water / Water for Injection	7732-18-5	231-791-2	Not classified	Balance / q.s. to 100%

Batch 0008145, 20 mL single vial is reported compliant for appearance, filling volume, pH, heavy metals, sterility and bacterial endotoxin testing.

4. FIRST AID MEASURES

Eye contact	Immediately flush eyes with plenty of water. If irritation occurs or persists, seek medical attention.
Skin contact	Rinse with plenty of water. If skin irritation persists, seek medical attention.
Ingestion	Rinse mouth with water. Do not induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person. Seek medical attention if unwell.
Inhalation	Move to fresh air. If discomfort occurs, seek medical attention.
Most important symptoms/effects	See Section 2 and Section 11. May cause eye irritation.
Notes to physician	Treat symptomatically. No specific antidote identified.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media	Use media suitable for the surrounding fire.
Specific hazards	Formation of toxic gases is possible during heating or fire.
Fire / explosion hazards	Not applicable under normal conditions of storage and use.
Protective equipment	Firefighters should wear appropriate protective equipment, including self-contained breathing apparatus where required.

6. ACCIDENTAL RELEASE MEASURES

- Personnel involved in clean-up should wear appropriate personal protective equipment as described in Section 8.
- Minimise exposure and avoid release to the environment.
- Contain the source of spill if safe to do so. Collect spill with absorbent material and clean the area thoroughly.
- Place waste in an appropriately labelled, sealed container for disposal.
- For large spills, evacuate non-essential personnel and ensure clean-up is performed by trained personnel.

7. HANDLING AND STORAGE

Handling	Avoid breathing vapour or mist. Avoid contact with eyes, skin and clothing. Use appropriate PPE. Wash thoroughly after handling.
Storage	Store as directed by the product packaging. Keep product packaging closed when not in use. Do not refrigerate unless product packaging or supplier instructions state otherwise.
Incompatibilities	None known.
Specific end use	Research and laboratory supply.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls	General room ventilation is adequate unless the process generates dust, mist or fumes. Control airborne contamination below applicable exposure limits.
Hands	Wear impervious gloves, such as nitrile, where skin contact is possible.
Eyes	Wear safety glasses as minimum protection.
Skin/body	Impervious protective clothing is recommended where skin contact or bulk processing is possible.
Respiratory	Under normal conditions, respiratory protection is not expected to be required. If applicable exposure limits are exceeded, use an appropriate respirator with a protection factor sufficient to control exposure.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Colour	Colourless
Appearance	Colourless transparent liquid; no visible foreign matter reported for batch 0008145.
Odour	No data available
pH	5.85 reported for batch 0008145; specification 5.0 - 6.0.
Water solubility	Soluble
Melting/freezing point	No data available
Boiling point	No data available
Flash point	No data available
Vapour pressure	No data available
Relative density	No data available
Viscosity	No data available
Flammability	No data available

10. STABILITY AND REACTIVITY

Reactivity	No data available.
Chemical stability	Stable under normal conditions of use.
Possibility of hazardous reactions	No data available.
Conditions to avoid	None known.
Incompatible materials	None known.
Hazardous decomposition products	None known.

11. TOXICOLOGICAL INFORMATION

General information: This section describes potential hazards of individual ingredients.

Short-term effects: May cause eye irritation based on components.

Ingredient	Species / route	Endpoint	Dose / result
Benzyl Alcohol	Rat / oral	LD50	1230 mg/kg
Benzyl Alcohol	Mouse / oral	LD50	1360 mg/kg
Benzyl Alcohol	Rabbit / dermal	LD50	2 g/kg

Carcinogen status: Components are not identified as carcinogens by IARC, NTP or OSHA in available supplier information.

12. ECOLOGICAL INFORMATION

Environmental overview: Environmental properties have not been fully investigated. Releases to the environment should be avoided.

Ingredient	Species / method	Endpoint / duration	Result
Benzyl Alcohol	Fathead minnow / NPDES	LC50 / 96 hours	460 - 770 mg/L
Benzyl Alcohol	Bluegill / NPDES	LC50 / 96 hours	10 mg/L
Benzyl Alcohol	Daphnia magna	ErC50 / 48 hours	23 - 400 mg/L
Persistence and degradability	No data available.		
Bioaccumulative potential	No data available.		
Mobility in soil	No data available.		

13. DISPOSAL CONSIDERATIONS

Dispose of waste in accordance with all applicable laws and regulations. Consider known environmental and human health hazards of the material. Review and implement appropriate wastewater and waste-disposal measures to prevent occupational exposure and environmental release. Waste minimisation is recommended.

14. TRANSPORT INFORMATION

Transport classification	Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code). Not regulated for transport under USDOT, EU ADR, IATA or IMDG regulations.
UN number	Not applicable / not assigned
Proper shipping name	Not regulated / no proper shipping name assigned
Transport hazard class	Not applicable / not assigned
Packing group	Not applicable / not assigned
Environmental hazards	Not classified as environmentally hazardous for transport based on available product data.
Special precautions	Protect containers from damage. Transport in sealed, upright, correctly labelled packaging. Prevent leakage and keep product packaging closed during transport.

15. REGULATORY INFORMATION

Australia inventory	Australia (AICS/AIIC): Benzyl Alcohol and Water are listed as present in available supplier inventory information.
Australian importer details	MRPAU; company number ACN 698 773 983; registered in Victoria.
Brand / trade name	MRPAU
EU EINECS/ELINCS	Benzyl Alcohol: 202-859-9; Water: 231-791-2.
US TSCA Section 8(b)	Present in available supplier information.
CERCLA/SARA 313	Not listed in available supplier information.
California Proposition 65	Not listed in available supplier information.

16. OTHER INFORMATION

H302	Harmful if swallowed.
H332	Harmful if inhaled.
SDS basis	Prepared from supplier SDS information, commercial invoice information, Australian company registration information, trade mark filing details and batch inspection report information supplied to MRPAU.
Batch information	Bacteriostatic Water 20 mL Vial (Pack of 1) - Sterile Water Solution batch 0008145; production date 03 May 2026; inspection date 03 May 2026; report date 17 May 2026. Results reported compliant for appearance, filling volume, pH 5.5 - 6.5, heavy metals <10 ug/g, sterility and bacterial endotoxin.
Prepared by	MRPAU Lab Supply OH&S; Officer
Disclaimer	Information is provided in good faith and is believed to be accurate at the date of issue. Users must determine suitability for their intended research/laboratory use and comply with applicable laws and regulations.

ISSUE DETAILS

Manufacturer / supplier	Hebei Luozhi Medical Technology Co., Ltd.
Supplier contact	Zoey
Supplier document date	17/05/2026
Australian importer / distributor	MRPAU Lab Supply
Company number	ACN 698 773 983
Australian contact	MRPAU Lab Supply OH&S; Officer
Issue / revision date	17/05/2026