



Bacteriostatic Water

SDS-WL-BAC10 VERSION 2.0 ISSUED 8 OCTOBER 2026 REG. (EC) 1907/2006 ANNEX II · OSHA HCS

RESEARCH USE ONLY. Laboratory research material. Not for human or veterinary use. Not a medicine, food supplement or cosmetic.

1 Identification of the substance/mixture and of the company

1.1 Product identifier	Bacteriostatic Water (sterile water with 0.9 % benzyl alcohol) · 10 mL and 3 mL vials
Product codes	BAC10 · BAC3
Product type	Mixture (aqueous solution)
1.2 Identified uses	Laboratory diluent for the reconstitution of research materials by technically qualified persons.
Uses advised against	Not for human or veterinary use. Not a medicinal product. Not for injection into humans or animals.
1.3 Supplier	Werhner Lab LTD 1701 NW 84th Ave, Doral, FL 33126, United States Tel. +34 684 123 582 · contact@werhnerlab.com · werhnerlab.com
1.4 Emergency telephone	Spain — Servicio de Información Toxicológica (INTCF): +34 91 562 04 20 (24 h) United States — Poison Help: 1-800-222-1222 (24 h) Elsewhere: contact your national poison centre or emergency services (112 in the EU, 911 in the US).

2 Hazards identification

2.1 Classification	The mixture is not classified as hazardous according to Regulation (EC) No 1272/2008 (CLP) or OSHA 29 CFR 1910.1200: benzyl alcohol is present at 0.9 %, below the concentration limits that trigger classification of the mixture.
2.2 Label elements	Hazard pictogram: none · Signal word: none · Hazard statements: none.
2.3 Other hazards	None known.

3 Composition / information on ingredients

COMPONENT	CAS NO.	EC NO.	CONCENTRATION	CLASSIFICATION OF THE COMPONENT (CLP)
Water (sterile, purified)	7732-18-5	231-791-2	≥ 99 %	Not classified
Benzyl alcohol (preservative)	100-51-6	202-859-9	0.9 %	Acute Tox. 4, H302 · Acute Tox. 4, H332 · Eye Irrit. 2, H319

4 First-aid measures

Inhalation	Not an expected route of exposure. Move to fresh air if discomfort occurs.
Skin contact	Wash with water.
Eye contact	Rinse with water for several minutes. Seek medical advice if irritation persists.
Ingestion or injection	Rinse mouth with water. If large amounts are swallowed or in case of accidental injection, seek medical advice and show this sheet.
Notes to physician	Treat symptomatically. Benzyl alcohol is the only component of toxicological relevance.

5 Fire-fighting measures

Extinguishing media	Use media appropriate to the surrounding fire. The product is an aqueous solution and is not flammable.
---------------------	---

Special hazards	None.
Advice for firefighters	Standard protective equipment.

6 Accidental release measures

Personal precautions	Beware of broken glass. Wear gloves.
Clean-up	Absorb with inert material or paper towel and dispose of as normal laboratory waste. Rinse the area with water.

7 Handling and storage

Safe handling	Use aseptic technique to preserve sterility. Avoid contact with eyes.
Storage	Store at controlled room temperature (20–25 °C), protected from light. Do not freeze. After first puncture, use within 28 days.

8 Exposure controls / personal protection

Occupational exposure limits	None established for the mixture.
Personal protection	Safety glasses and nitrile gloves as for general laboratory work.

9 Physical and chemical properties

Appearance	Clear, colourless liquid.
Odour	Faint, aromatic (benzyl alcohol).
pH	Approximately 4.5–7.0.
Boiling point	Approximately 100 °C.
Flammability	Not flammable.
Solubility	Miscible with water.

10 Stability and reactivity

Reactivity / stability	Stable under normal conditions.
Conditions to avoid	Freezing, excessive heat.
Incompatible materials	Strong oxidising agents.
Hazardous decomposition	None under normal conditions.

11 Toxicological information

Mixture: no data. Benzyl alcohol (100 %): harmful if swallowed or inhaled, causes serious eye irritation; these effects are not expected at 0.9 %. Not listed as a carcinogen by IARC, NTP or OSHA.

12 Ecological information

Benzyl alcohol is readily biodegradable and not expected to bioaccumulate. No adverse environmental effects are expected from small laboratory quantities.

13 Disposal considerations

Small quantities may be disposed of according to local regulations for non-hazardous laboratory waste. Dispose of glass vials in sharps or glass waste containers.

14 Transport information

UN number / proper shipping name	Not applicable.
ADR/RID · IMDG · IATA	Not regulated as dangerous goods.

15 Regulatory information

EU	Regulation (EC) No 1272/2008 (CLP): mixture not classified. Components are registered under REACH or exempt (water, Annex V).
United States	Not classified as hazardous under OSHA 29 CFR 1910.1200. Components listed on the TSCA inventory.
Product status	Laboratory reagent. Not a medicinal product.

16 Other information

Revision	Version 2.0 · issued 8 October 2026 · supersedes version 1.0 (27 August 2026). Complete revision of all sections.
Abbreviations	CAS: Chemical Abstracts Service · CLP: Classification, Labelling and Packaging · CoA: Certificate of Analysis · HPLC: high-performance liquid chromatography · PBT/vPvB: persistent, bioaccumulative and toxic / very persistent and very bioaccumulative · RUO: Research Use Only · SVHC: substance of very high concern.
Relevant H-statements (Section 3)	H302 Harmful if swallowed. H332 Harmful if inhaled. H319 Causes serious eye irritation.
Disclaimer	The information in this Safety Data Sheet is based on our present knowledge and is given in good faith. It describes the product with regard to safety requirements and is not a specification or a guarantee of properties. Lot-specific analytical data are given on the batch Certificate of Analysis. The user is responsible for safe handling, use and disposal in compliance with all applicable laws.