

SECTION 1 — IDENTIFICATION

Product: Bacteriostatic Water (10ML) · **Catalog ID:** HBL-BAC

Supplier: Hive Biolabs LLC, Draper, Utah, USA · research@hivebiolabs.com

Recommended use: Laboratory research use only (in-vitro). **Restrictions:** NOT for human or veterinary use; not for use as a drug, food, cosmetic, or household product.

SECTION 2 — HAZARD(S) IDENTIFICATION

Aqueous solution containing 0.9% benzyl alcohol. Not classified as hazardous at this concentration under 29 CFR 1910.1200 (HazCom 2012). Avoid eye contact and ingestion. Keep out of reach of unqualified personnel.

SECTION 3 — COMPOSITION / INFORMATION ON INGREDIENTS

Water for injection quality base (CAS 7732-18-5) ≥99%; Benzyl alcohol (CAS 100-51-6) 0.9% as bacteriostatic preservative.

SECTION 4 — FIRST-AID MEASURES

Inhalation: remove to fresh air; seek medical attention if symptoms occur. **Skin:** wash with soap and water. **Eyes:** flush with water ≥15 minutes; seek medical attention. **Ingestion:** rinse mouth; do NOT induce vomiting; seek medical attention. Show this SDS to medical personnel.

SECTION 5 — FIRE-FIGHTING MEASURES

Not flammable as supplied. Extinguish with media suitable for surrounding fire (water spray, CO₂, dry chemical, foam). Combustion may produce oxides of carbon and nitrogen. Firefighters should wear self-contained breathing apparatus.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Wear PPE per Section 8. Avoid dust generation. Sweep or wipe up material and place in a suitable closed container for disposal. Wash the spill area with water. For solutions, absorb with inert material.

SECTION 7 — HANDLING AND STORAGE

Handle per good laboratory practice. Store at controlled room temperature; protect from light.

SECTION 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION

No occupational exposure limits established. Use local exhaust or fume hood when handling powders. **PPE:** nitrile gloves, safety glasses, lab coat. Wash hands after handling. Do not eat, drink, or smoke where handled.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Clear, colorless liquid; faint aromatic odor (benzyl alcohol); pH ~5.7; fully miscible with water.

SECTION 10 — STABILITY AND REACTIVITY

Stable under recommended storage conditions. No hazardous polymerization. Incompatible with strong oxidizers, strong acids/bases. Avoid repeated freeze-thaw of reconstituted solutions.

SECTION 11 — TOXICOLOGICAL INFORMATION

No comprehensive toxicological data available for this material. Not evaluated for carcinogenicity by IARC, NTP, or OSHA. Treat as a substance of unknown toxicity; handle per Sections 7–8.

SECTION 12 — ECOLOGICAL INFORMATION

No ecological data available. Do not allow material to enter drains or waterways.

SECTION 13 — DISPOSAL CONSIDERATIONS

Dispose of contents and container in accordance with all federal, state, and local regulations. Laboratory waste streams should be handled by a licensed waste disposal service.

SECTION 14 — TRANSPORT INFORMATION

Not classified as dangerous goods for transport (DOT/IATA/IMDG) as supplied.

SECTION 15 — REGULATORY INFORMATION

Supplied strictly for laboratory research use only (RUO); not for human or veterinary use, and not for use as a drug, food additive, cosmetic, or medical device. Not evaluated or approved by the U.S. FDA. The buyer affirms qualified-researcher status at purchase.

SECTION 16 — OTHER INFORMATION

Rev 1.0 — August 13, 2026. Prepared by Hive Biolabs LLC from supplier and public chemical-registry data (cross-reference: PubChem, ChemicalBook). This SDS is provided in good faith as a guide to safe handling; it is not a specification and creates no warranty. Users must determine suitability of the information for their particular purposes.