



## SafeBath™

### Cat. No. G7020

Store at Room Temperature.

### Product Description:

**SafeBath™** is an **antimicrobial treatment for laboratory water baths** that helps **prevent bacterial, fungal, and algal contamination**. By maintaining water clarity and protecting bath components from corrosion and residue, SafeBath™ ensures reliable operation, extends equipment longevity, and minimizes maintenance time and costs. This simple, proactive solution supports a **cleaner, safer laboratory environment** with consistent performance.

Cat. No.	Product	Quantity
G7020	SafeBath™	100 ml

### Key Advantages:

- **Enhanced Contamination Control:** Prevents microbial growth, reducing the need for frequent cleaning and downtime.
- **Extended Equipment Longevity:** Protects internal bath components from corrosion and residue buildup.
- **Reliable Operation:** Maintains water clarity and consistent temperature control over time.
- **Reduced Maintenance Costs:** Minimizes cleaning frequency and chemical use, saving time and resources.
- **Improved Laboratory Hygiene:** Supports a cleaner, safer working environment with minimal effort.

### Protocol:

#### Preparation before use

1. **Clean the Water Bath:** Before introducing SafeBath™, empty the water bath completely. Clean the inner surfaces using **75% isopropanol** or another appropriate laboratory disinfectant according to your equipment manual. **Rinse thoroughly** with sterile, deionized, or distilled water to remove any residual cleaning agents or contaminants.
2. **Add Fresh Water:** Refill the reservoir with **sterile deionized or distilled water**. Avoid using tap water, as mineral content may reduce long-term performance.

#### SafeBath™ Addition

3. **Recommended Dilution:** Add SafeBath™ at **1:100 ratio** directly into the water bath.  
*Example:* For every 1 liter of water, add 10 mL of SafeBath™ concentrate.
4. **Mixing: Gently stir or circulate the water** to ensure even dispersion of SafeBath™ throughout the reservoir. Proper mixing guarantees uniform antimicrobial activity. Once mixed, the water bath is ready for regular use. No additional treatment or incubation period is required.

#### Ongoing Maintenance

5. **Routine Replacement:** Replace the SafeBath™-treated water whenever the bath is drained, or **at least every 2–4 weeks** depending on usage intensity and environmental conditions. This schedule helps maintain consistent protection against microbial contamination.
6. **Observation and Cleaning:** Inspect the bath periodically for signs of contamination such as cloudiness, residue, or odor. If contamination occurs, discard the water, disinfect the reservoir, rinse thoroughly, and prepare a fresh SafeBath™ solution.