

AEROS® Disinfection of Water Baths



What: AEROS®

Where: AEROS can be used to disinfect water baths where bacteria can colonise and multiply. It is ideal for disinfection in hospitals and laboratories.

When: When required

Why: Micro-organisms are everywhere and, although many go unnoticed and have no ill-effects, some can cause unsightly biofilm, can produce horrible smells or even cause illness and spread diseases. Ensure cleanliness by using AEROS a broad-spectrum biocide and no-rinse disinfectant.

How:

Method 1: Disinfection of Water Baths

Step 1) Work out the volume of the water to be disinfected.

Step 2) Add AEROS® to provide 1000ppm peroxide solution. Please use table 1 to work out the amount of AEROS required to give the volume required.

Table 1

| Volume of Water Bath (litres) | Volume of Aeros required (ml) | Volume of Water to be added (ml) |
|-------------------------------|-------------------------------|----------------------------------|
| 1 | 33 | 967 |
| 2 | 67 | 1933 |
| 3 | 100 | 2900 |
| 4 | 133 | 3867 |
| 5 | 167 | 4833 |

Step 3) Check the concentration of the solution every 1-2 days to ensure the level remains at 1000ppm peroxide

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Health and Safety

Put simply, independent testing has shown that AEROS® is safe to handle and to use.

Put technically! French laboratory, EVIC-CEBA, performed a toxicological evaluation on AEROS®.

It was tested in accordance with 67/548/EEC and concluded that it's not a skin irritant or a skin desensitiser; it's not dangerous by ingestion and it's not an eye irritant.

Regardless of AEROS® fabulous safety record, SAFESOL advocates the use of appropriate safety equipment when using any chemical. Please refer to the MSDS sheet prior to use.

Before using any chemical, you should always reference your in-house Risk Assessments and Method Statements.