**Aqua guard for disinfection CO2 incubators and water bath**

**Introduction**:

A CO2 incubator and water bath is basic equipment required for Tissue culture. However, these also make fertile breeding ground for contaminants such as bacteria and fungi due to the high humidity and temperature. It is therefore important to systematically clean and disinfect equipment.

Refer to COSHH Assessment BioE 0012 and BioE13.

1. Disinfecting CO2 incubator water pan:
   1. Water pan should be replaced with autoclaved De-ionised water every 2 weeks.
   2. Add 10 ml of auaguard-1 (KI-0332) per 1 Litre of autoclaved de-ionised water. So would need 20 ml of aquaguard-1 in total as the water pan holds 2 litre maximum.
2. Disinfecting water bath:
   1. Water bath should be replaced with autoclaved De-ionised water every 2 weeks.
   2. Add 2 ml of auaguard-2 (KI-0334) for each litres of autoclaved de-ionised water.