**70% Ethanol**

**Introduction**:

Microbiological safety cabinets and surfaces and equipment in TC are disinfected using 70% ethanol before and after use. It is therefore important to systematically clean and disinfect equipment.

Refer to COSHH Assessment BioE 0003.

To make up Ethanol dilutions:

Wear appropriate PPE (lab coat, safety glasses, gloves and face covering), procedures carried out in fume hood

1. Calculate the amount of ethanol required.
2. Measure out neat ethanol in fume hood, using appropriate measuring cylinder.
3. Place into suitable vessel add water and mix thoroughly.
4. Decant into 500 ml spray bottles.

**FORMULA**

For example: To make 70% Ethanol

**For 1 litre**

To 700 ml of ethanol add 300 ml of deionised water, mix, decant.

**For 500 ml**

To 350ml of ethanol add 150 ml of deionised water, mix, decant.