**1% Virkon**

**Introduction**:

Virkon is a multi-purpose disinfectant for hard surface in laboratory such as lab bench. Virkon is proven effective against bacteria, viral or fungal pathogens. Virkon is effective in killing 99.999% microorganisms in less than 10 minutes. So it can be applied to surfaces using a spray bottle. Any items need disinfected can be submerged in Virkon solution and rinsed afterwards. Once placed in water becomes a pink solution which is activated within 5 minutes. Built-in colour indicator of strength and use life up to 5 days after activation (1:100 solution).

Refer to COSHH Assessment BioE 0006.

**To make up Virkon dilutions:**

Wear appropriate PPE (lab coat, safety glasses, gloves).

1. Calculate the amount of Virkon required. Open the Virkon container (spatula inside).
2. Fill a bottle with l litre water or 500 ml of water.
3. If you are mixing 1 litre of solution, pour 1 level scoup of Virkon powder (10g).
4. If you are mixing 500 ml of solution, pour half a level scoup of Virkon powder (5g).
5. Pour the measured Virkon powder into the water and mix until the solution is pink in colour.

* For 5 litres of water, use 50g of Virkon powder (one scoup is 10g).
* For 10 litres of water, use 100g of Virkon powder (one scoup is 10g).