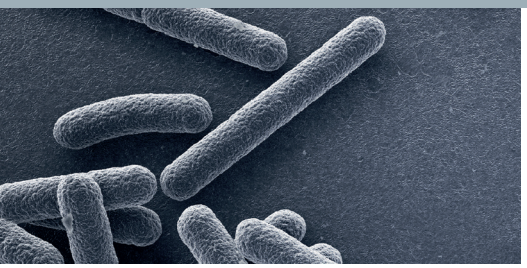
METHOD STATEMENT FOR
LP STEROX



Introductory Notes

Fernox LP Sterox is ideal for disinfecting stored water systems in domestic properties, small nursing homes, sheltered housing and light commercial properties. Disinfection should be carried out following periods of heavy use, for example, after morning baths/showers.These instructions assume normal water use in a building. The time to achieve complete water system disinfection will be shorter if water use is minimised during the time **LP Sterox** is left in the system. It is important that abnormal uses of water, like watering the garden, or washing vehicles are avoided during the disinfection process.

Procedure

Easy to use

Provided **Fernox LP Sterox** is dosed at the recommended level, the treated water is safe enough to drink. Once disinfection is complete, there is no need to flush out or neutralise the system.

How to calculate the amount of LP Sterox required

1. Work out the volume of water in the system to be disinfected. This can generally be estimated by calculating the volume of the cold water storage tank (sometimes this is printed on the tank label). The volume in litres can be calculated by multiplying (in metric) the length x height x width of the tank. If you have a hot water storage cylinder (also called a calorifier) as well as any pipework, the tank volume should be multiplied x 1.3. If there is no calorifier, multiply by 1.1.

2. Therefore, if you have a property with a standard 50 gallon (220 litre tank) and a calorifier the system volume is 286 litres.

3. To disinfect the system, you need to add sufficient **LP Sterox** to obtain 100 ppm hydrogen peroxide (approximately) in the system – this is the equivalent to adding a one litre bottle for a 300 litre system. This is easily checked using **LP Sterox indicator strips**. Consult the table supplied with the product to check the amount of **LP Sterox** required.

Instructions for use

1. If necessary, clean the tank first and fill with fresh water.

2. Add the required amount of **LP Sterox** to the tank. Circulate the chemical throughout the whole system.

3. Start by turning on the hot and cold outlets which are furthest away from the water storage tank.

4. After the water has run for one minute check the water at each outlet with an **LP Sterox Test Strip**. If the level at any outlet is less than 100 ppm, add further **LP Sterox** to the water storage tank.

5. Go to all the other outlets in the system and repeat the procedure in point 4 above.

6. When all outlets have been tested and found to contain the correct level of chemical, the system should be left and can be routinely used. Assuming a normal water use rate, the system should be completely disinfected within 24 hours.

FERNOX MAKES WATER WORK

FERNOX RECOMMENDS: Fernox LP Sterox; Fernox LP Sterox Test Strips.

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