



SafeSol3 is a stabilised aqueous solution of hydrogen peroxide containing colloidal silver. The product is a “no gap” disinfectant which is effective against bacteria, viruses, spores algae and fungi. In water it not only deals with free swimming micro organisms but also with biofilms which form on the internal surfaces of water systems and act as a hiding place for pathogenic bacteria,. The product is particularly valuable in modern water system hygiene management where more conventional treatments are not suitable.

Advantages

- Approval for use in building water supplies
- Effective against Legionella and Amoebicidal hosts
- Effective against pseudomonas
- Penetrates and removes biofilm
- Non foaming
- Breakdown products are water and oxygen

Application Areas

- Domestic water disinfection
- Spa Baths and Whirlpools
- Air Ductwork
- Water features

How Much to Use

Tank Disinfection Apply 3400ppm product to achieve 100ppm hydrogen peroxide in the system. - Measure the volume of the Cold Water Storage tank and multiply this volume by 1.3 to accommodate the calorifier and other pipework. Add 1 litre of **SafeSol3** per 300 litres of water volume. Run treated water to all outlets until test strip turns dark blue (100 ppm hydrogen peroxide). The **SafeSol3** treated water remains potable throughout the disinfection and can be left in the system when the chemical has been detected at all outlets.

Mains Water Disinfection Estimate volume of mains pipework within building (say 50 litres) and inject 150 ml of **SafeSol3** via a drain point or spool piece injector into system - Test outlets and when chemical is detected (100ppm hydrogen peroxide) close outlets and leave in system

Properties

Appearance	Clear colourless liquid
Relative Density	1.010 g/cm ³
pH Value (20°C)	5.5
Hazard Identification	None

Handling and Storage Avoid contact with skin and eyes. Avoid extremes of temperature. Replace cap securely after use

Protective Equipment Wear suitable gloves and goggles when handling the product

Spillage and Disposal may be disposed of in water waste from building after dilution with copious amounts of Water

Packaging **SafeSol3** is available in a 1 litre container and 500ml spray

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