

Sentinel X700 Biocide

Prevents biological contamination in underfloor heating systems

Sentinel X700 Biocide provides protection for underfloor central heating systems against bacterial and fungal contamination. Biological slimes and fungal growth in the system can cause blockages, unpleasant smells and metal corrosion, disrupting its smooth and efficient operation.

- **Non-oxidising biocide**

Provides long term system protection against biological contamination.

- **Broad spectrum biocide**

Prevents blockages, biologically-induced corrosion and foul odours in systems operating under 60°C.

- **Compatible with Sentinel X100 and X500**

Complements corrosion and scale inhibition products to provide a complete water treatment programme.



The Sentinel System

Lifetime protection for heating and hot water systems using the best practice process of...



CLEAN
WITH
APPROPRIATE
CLEANER



PROTECT
WITH
X700
AND X100



MAINTAIN
WITH
DIPLSLIDES

Application

Sentinel X700 is a solution containing a powerful biocide for use in underfloor heating systems. These systems can suffer from problems caused by the growth of organisms such as bacteria and fungi.

Dosing

Sentinel X700 is a solution containing a broad spectrum biocide designed to eliminate the problems caused by bacteria and fungi in underfloor heating systems.

In new or cleaned systems, add 1 litre of Sentinel X700 during the final fill of the system to prevent the development of bacteria and fungi and their associated problems. In larger systems, the product should be dosed at 1 litre per 300 litres system volume. Circulate the system for 30 minutes to ensure complete distribution through the whole system.

Sentinel X700 is fully compatible with Sentinel X100 Inhibitor and Sentinel X500, either of which should always be dosed during final refilling of the system to ensure protection from scale and corrosion. The presence of bacteria is verifiable with dipslides which may be obtained separately from Sentinel.

Physical properties

Appearance: Clear, colourless liquid


Specific gravity (20°C): 1.01 g/cm³

pH (concentrate): 2.0 - 5.0 (approx.)

Freezing point: 0°C (store above 5°C)

Safety precautions

The information provided below enables compliance with the Control of Substances Hazardous to Health Regulations. A full Safety Data Sheet is available upon request. Use biocides safely. Always read the label.

Description	Sanitiser and biocide for underfloor heating systems An aqueous solution containing THPS biocide.	
Health hazards	Warning! - H317: May cause an allergic skin reaction. H319: Causes serious eye irritation.	
Handling	Normal chemical handling.	
Storage	Store containers closed when not in use.	
Spillage	Protective clothing should be worn. Prevent neat product from entering in public sewers or the immediate environment. Ensure adequate ventilation to maintain air contaminants below exposure limits. Absorb onto inert material and dispose of according to Controlled Waste Regulations. Remove small spills with plenty of water.	
Fire/explosion risks	Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers. In combustion emits toxic fumes.	
First aid	Skin Exposure: Wash immediately with plenty of water. If irritation develops, seek medical attention. Eye Exposure: Flush immediately with plenty of running water. Seek medical advice. Ingestion: Rinse mouth with water. Immediately give 1-2 glasses of water, if victim is fully conscious. Seek medical advice.	

The use of Sentinel water treatment is endorsed by the industry's major international manufacturing companies*

Sentinel Performance Solutions Ltd

7650 Daresbury Park, Warrington, Cheshire, WA4 4BS, United Kingdom.

Tel: +44 (0) 1928 704 330 www.sentinelprotects.com

