

## Sentinel X700 Biocide

Prevents biological contamination in low temperature (below 60°C) heating systems

Sentinel X700 Biocide provides protection for low temperature heating systems against bacterial and fungal contamination. Biological slimes and fungal growth in the system can cause blockages, unpleasant smells and metal corrosion, preventing 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, cooling and hot water systems using the best practice process of...



**CLEAN**  
WITH APPROPRIATE CLEANER



**PROTECT**  
WITH X100 INHIBITOR



**MAINTAIN**  
WITH X100 TEST KIT

## Application

Sentinel X700 is a solution containing a powerful biocide for use in low temperature 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 low temperature 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 Inhibited Antifreeze, either of which should always be dosed during final refilling of the system to ensure protection from scale and corrosion.

## Physical properties

|                         |                       |
|-------------------------|-----------------------|
| <b>Appearance</b>       | Colourless liquid     |
| <b>Specific gravity</b> | 1.01                  |
| <b>pH</b>               | 2.0 – 5.0 (approx.)   |
| <b>Freezing point</b>   | 0°C (store above 5°C) |

## Safety information

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.



|                       |  |
|-----------------------|--|
| <b>Description</b>    | <b>Sanitiser and biocide for low temperature heating systems</b><br>An aqueous solution containing THPS biocide.   |
| <b>Health hazards</b> | Warning! May cause an allergic skin reaction.<br>Causes serious eye irritation.  |
| <b>Handling</b>       | Avoid direct contact with the substance.<br>Ensure there is sufficient ventilation of the area.<br>Do not handle in a confined space.<br>Avoid the formation or spread of mists in the air.  |
| <b>Storage</b>        | Store in a cool, well ventilated area.<br>Keep container tightly closed.   |
| <b>Spillage</b>       | Contain the spillage using bunding.<br>Absorb into dry earth or sand.<br>Transfer to a closable, labelled salvage container for disposal by an appropriate method.   |
| <b>Fire risks</b>     | Suitable extinguishing media for the surrounding fire should be used.<br>Use water spray to cool containers.<br>In combustion emits toxic fumes.   |
| <b>First aid</b>      | Skin Exposure: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.<br>Eye Exposure: Bathe the eye with running water for 15 minutes.<br>Consult a doctor.<br>Ingestion: Wash out mouth with water.<br>Consult a doctor. |

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



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