

## Sentinel X100 Concentrate Inhibitor for Central Heating Systems

### Features & Benefits

- Suitable for all metals including aluminium
- Manufactured under a quality system conforming to ISO9001
- Easy to handle
- Helps prevent the formation of hydrogen gas
- Effectively controls scale and corrosion
- Not sensitive to under or overdosing
- Helps prevent boiler noise
- Concentration is easily checked with a Sentinel Test Kit or a conductivity meter



Sentinel Test Kit

### Application

Sentinel X100 Concentrate has been formulated as a multipurpose treatment to inhibit corrosion, scale, boiler noise and hydrogen gassing in all types of indirect heating systems including those containing aluminium components.

Sentinel X100 Concentrate is suitable for use in all waters, both hard and soft. The formulation is completely non-toxic.

### Dosing & Feeding

Sentinel X100 Concentrate should be dosed at 0.3% of system volume, i.e. 1 pack per 100 litres of system water. A 0.3% solution, of Sentinel X100 Concentrate will add 1250  $\mu\text{S}/\text{cm}$  of conductivity to the mains water conductivity.

For best results, systems should be cleansed and flushed in accordance with BS7593; new systems and those up to 6 months old with Sentinel X300, existing systems with Sentinel X400. If the system is already noisy due to lime scale deposits in the heat exchanger, Sentinel X200 should be added together with Sentinel X100 Concentrate.

Product may be added directly to the heating system either via a radiator air bleed valve, or via the fill loop using the appropriate adaptor and a suitable caulk gun.

### Physical Properties

- Appearance: Colourless to yellow liquid
- Viscosity: Slightly viscous
- Odour: Mild
- Specific gravity: 1.38 (approx) (20°C)
- pH (neat): 6.9 (approx)
- Freezing point: 0°C

### Packaging

Cylindrical application cartridge

Approx dimensions:	Length	21.5 cm
	Dia.	5.0 cm
	Volume	280ml

### Safety Precautions

The information provided overleaf enables compliance with the Control of Substances Hazardous to Health Regulations Full Material Safety Data Sheets are available upon request.

# Sentinel X100 Concentrate

<b>Inhibitor for Central Heating Systems</b>	An aqueous solution of inorganic and organic corrosion and scale inhibitors.
<b>Health Hazards</b>	Not for use in potable water systems. Not considered hazardous to health.
<b>Handling</b>	Avoid contact with skin and eyes. Avoid breathing vapours. Keep out of reach of children and animals. Wash out empty container thoroughly with water before disposal.
<b>Storage</b>	Keep container tightly closed. Store in cool, well ventilated area. Protect from freezing.
<b>Spillage</b>	Flush spillage with plenty of water and wash to waste. Not considered harmful to the environment.
<b>Fire/Explosion Risks</b>	Non-flammable
<b>First Aid</b>	<p><b>Skin Exposure :</b> Wash immediately with plenty of water. If irritation develops, seek medical attention.</p> <p><b>Eye Exposure :</b> Flush immediately with plenty of running water. Keep eyelids apart. Seek medical advice.</p> <p><b>Ingestion :</b> Rinse mouth with water. Do NOT induce vomiting! Seek medical advice.</p>