

## Sentinel X100 Concentrate

### Inhibitor for Hydronic Heating Systems

#### Features & Benefits

- Effectively controls scale and corrosion
- Helps prevent the formation of hydrogen gas
- Helps prevent boiler noise
- Suitable for all metals including aluminium
- Easy to handle
- Non-toxic and biodegradable
- Concentration is easily checked with a Sentinel Test Kit or a conductivity meter
- Manufactured under a quality system conforming to ISO9001

#### 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 and biodegradable.

#### Dosing & Feeding

One cartridge of Sentinel X100 Concentrate is sufficient to treat a typical residential system of 25 gallons. For larger systems use more cartridges.

For best results, systems should be cleaned and flushed with clean make-up water; 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 limescale deposits in the heat exchanger, Sentinel X200 should be added together with Sentinel X100 Concentrate.



The product may be added directly to the heating system either via an 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) (68°F)
- **pH (neat):** 6.9 (approx)
- **Freezing point:** 32°F

#### Packaging

Cylindrical application cartridge  
Approx dimensions:

- Length:** 21.5 cm
- Diameter:** 5.0 cm
- Volume:** 275 ml/9.3fl oz



## 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.

<b>Description</b>	<b>Inhibitor for Hydronic 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. This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). CAUTION: May cause eye, skin, and respiratory tract irritation.
<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>	<b>Skin Exposure:</b> Wash immediately with plenty of water. If irritation develops, seek medical attention.  <b>Eye Exposure:</b> Flush immediately with plenty of running water. Keep eyelids apart. Seek medical advice.  <b>Ingestion:</b> Rinse mouth with water. Do NOT induce vomiting! Seek medical advice.

---

### Sentinel Performance Solutions Ltd

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

Tel: +44 (0) 1928 704 330 [www.sentinelprotects.com](http://www.sentinelprotects.com)



@SentinelHQ



SentinelCPM

