

Sentinel X100 Inhibitor

Inhibitor for central heating systems

To provide protection against corrosion and limescale, major boiler manufacturers recommend that once cleaned, central heating systems should be dosed with Sentinel X100 Inhibitor.

- **Unique anti-corrosion formulation with multiple heavy duty inhibitors**

Protects all common system metals against corrosion and is particularly effective in protecting aluminium.

- **Multiple limescale inhibitors**

Protects high value components such as heat exchangers against limescale formation.

- **Intelligent formulation containing 3 different pH buffering systems**

Ensures system water is as neutral as possible, preventing swings in pH which can cause and accelerate corrosion of high value components such as heat exchangers and radiators

- **Boiler manufacturer recommended**

Meets commissioning requirements to minimise risk of invalidating boiler warranty.



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
TEST KIT

Application

Sentinel X100 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 offers superior aluminium protection (e.g. modern heat exchangers) compared to other leading brands. Sentinel X100 is suitable for use in all waters, both hard and soft. The formulation is completely non-toxic and inherently biodegradable.

Dosing

1 litre of Sentinel X100 is sufficient to treat a typical domestic system of 8 to 10 radiator panels i.e. 1 litre of X100 treats 100 litres of system water. Larger systems should be dosed with 2 litres. For best results, systems should be cleaned and flushed in accordance with BS7593; new systems and those up to 6 months old with Sentinel X300, existing systems with Sentinel X400 or Sentinel X800. If the system is already noisy due to limescale deposits in the heat exchanger, Sentinel X200 should be added together with Sentinel X100.

Open Systems: Dose via F&E cistern, via a by-pass feeder or use a Sentinel Dosing Vessel.

Sealed Systems: If the system is empty, add to any convenient point before filling.
If full, use a Sentinel Dosing Vessel to inject via the filling loop or other access point.

Physical properties

Appearance: Clear pale yellow to amber liquid

Specific gravity: 1.10 (20°C)

pH (concentrate): 6.4

Freezing point: -2.5°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.

Description	Inhibitor for central heating systems An aqueous solution of inorganic and organic corrosion and scale inhibitors.
Handling	Avoid contact with skin and eyes. Keep out of reach of children and animals. Wash out empty container thoroughly with water before disposal.
Storage	Keep container tightly closed. Store in cool, well ventilated area.
Spillage	Flush spillage with plenty of water and wash to waste.
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. Keep eyelids apart. Seek medical advice. Ingestion: Rinse mouth with water. Do NOT induce vomiting! Seek medical advice.
Additional	Not for use in potable water systems. Not considered hazardous to health. Non-flammable.

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

