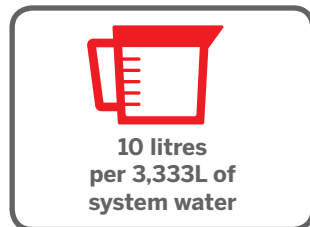
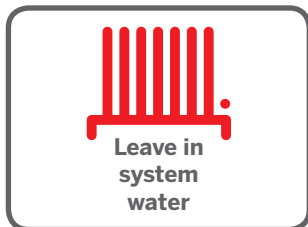


Sentinel X100 Triple Power Inhibitor

Inhibitor for commercial heating and closed cooling systems

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

- **Unique anti-corrosion formulation with multiple heavy duty inhibitors**
Protects all common system metals against corrosion and is particularly effective in protecting aluminium
- **Intelligent formulation with pH stabilisers**
Prevents swings in pH which can cause and accelerate corrosion of high value components such as heat exchangers
- **Multiple limescale inhibitors**
Protects heat transfer surfaces against limescale formation
- **Recommended by boiler manufacturers**
Meets commissioning requirements to minimise risk of invalidating boiler warranty



The Sentinel System

Lifetime protection for heating 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 small and large indirect heating and closed-circuit cooling systems including those containing aluminium components. Its unique formulation controls and stabilises system water to neutral or near neutral pH.

Sentinel X100 is suitable for use in all types of clean supply water, including hard, soft, base exchange softened and demineralised. The formulation is non-hazardous, non-toxic and fully biodegradable.

Dosing

Sentinel X100 Triple Power Inhibitor should be dosed at 0.3% of system volume, i.e. 1 litre per 333 litres of system water. For optimum results, systems should be cleaned and thoroughly flushed in accordance with standard cleaning and commissioning protocols such as BSRIA Guide "Pre-Commissioning Cleaning of Pipework Systems" or similar Water Treatment Guidelines from industry organisations such as the Industrial & Commercial Energy Association (ICOM). X100 Triple Power can be used with the Sentinel System Check laboratory based test.

Ideally, as part of such protocols, new systems and those up to 6 months old should be cleaned with Sentinel X300 and older systems with Sentinel X400 or Senticlene 8500. Commercial SystemCheck is available to check water quality. In systems which operate below 65°C or spend extended periods out of commission, the addition of Senticide 7500 biocide should be considered for complete protection.

Open heating systems Dose the product into an area of adequate flow or use a by-pass feeder.

Closed heating and cooling systems If the system is empty, add to any convenient point before filling. If full, use a pressure dosing vessel to inject via the filling loop or other access point. Systems which are subject to the continual addition of make-up water need to be periodically replenished with Sentinel X100 to ensure that the recommended dose level is maintained.

Physical properties

Appearance	Clear colourless to pale green, yellow or amber liquid
Specific gravity (25°C)	1.31 g/ml (approx.)
pH (25°C)	6.5 (approx.)
Freezing point	-19°C
Odour	Mild

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.

Description	Inhibitor for commercial heating and closed cooling systems. An aqueous solution of inorganic and organic corrosion and scale inhibitors.	
Health hazards	Not for use in potable water systems. Not considered hazardous to health.	
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.	
Fire/explosion risks	Non-flammable	
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.

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

