

Sentinel X100 Rapid-Dose®

Leave-in protection against corrosion and limescale

To provide protection against corrosion and limescale, major boiler manufacturers recommend that once cleaned, central heating systems should be dosed with Sentinel X100 Inhibitor. For pressurised systems, the ideal method of dosing is by using Rapid-Dose.

- **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**

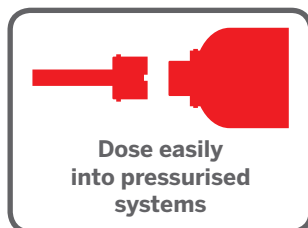
Prevents swings in pH which can cause and accelerate corrosion of high value components such as heat exchangers and radiators.

- **Multiple limescale inhibitors**

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

- **Dose in 30 seconds into pressurised systems**

Suited to service environment and emergency applications.



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 all types of indirect heating systems including those containing aluminium components. Sentinel X100 is suitable for use in all waters, both hard and soft. The formulation is non-toxic and inherently biodegradable.

Dosing

One 300ml can of Sentinel X100 is sufficient to treat a typical domestic system of 8 to 10 radiator panels (i.e. 100L system). Larger systems should be dosed with 2 cans. The product can be applied via the filling loop stop valve or radiator. The system should be less than 2.3 bar when the product is applied. Never attempt to dose into a hot system. 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.

Physical properties

| | |
|---------------------------------|--------------------------------------------------------|
| Appearance: | Clear colourless to pale green, yellow or amber liquid |
| Specific gravity (25°C): | 1.34 g/ml (approx.) |
| pH (25°C): | 6.3 (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 central heating 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. |
| 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*



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