

Sentinel X200 Concentrate

Boiler Noise Reducer for Central Heating Systems

Features & Benefits

- Suitable for all metals including aluminium
- Manufactured under a quality system conforming to ISO9001
- Easy to handle
- Non-acid, non-corrosive
- Reduces boiler noise problems
- Helps restore boiler efficiency
- Simple to dose
- Left in system

Application

Sentinel X200 Concentrate is a non-acid product that has been formulated for the treatment of 'kettling' in central heating boilers caused by lime scale. Unlike alternative treatments, Sentinel X200 Concentrate is added to the system and left there without causing any problems. Sentinel X200 Concentrate is extremely successful in reducing noise problems caused by the presence of lime scale on the heat exchanger surface, and restoring boiler efficiency.

Many noise problems are caused by system design or mechanical faults. It is important to check for these before seeking a chemical solution.

Boiler noise can also be caused by sludge (e.g., iron oxide corrosion debris), in which case, the system should be cleansed with Sentinel X400.

Dosing & Feeding

Sentinel X200 Concentrate should be dosed at 0.3% of system volume, i.e. 1 pack per 100 litres of system water. The time taken for boiler noise to reduce/be eliminated will depend on the hardness and quantity of lime scale present.

In extremely severe cases, a further dose of Sentinel X200 Concentrate may be necessary.

Sentinel X200 Concentrate should be left in the system. The water should also be treated with Sentinel X100 inhibitor, or Sentinel X500 inhibited antifreeze.

The 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: Clear colourless liquid
- Odour: Mild
- Specific gravity: 1.03 (20°C)
- pH (1% solution): 7.5 (approx)
- Freezing point: -5°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.

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Boiler Noise Reducer for Central Heating Systems	An aqueous solution of synthetic polymers, phosphonate and surfactant.
Health Hazards	Not for use in potable water systems. Not considered hazardous to health.
Handling	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.
Storage	Keep container tightly closed. Store in cool, well ventilated area. Protect from freezing.
Spillage	Flush spillage with plenty of water and wash to waste. Not considered harmful to the environment.
Fire/Explosion Risks	Non-flammable
First Aid	<p>Skin Exposure : Wash immediately with plenty of water. If irritation develops, seek medical attention.</p> <p>Eye Exposure : Flush immediately with plenty of running water. Keep eyelids apart. Seek medical advice.</p> <p>Ingestion : Rinse mouth with water. Do NOT induce vomiting! Seek medical advice.</p>