

## Sentinel X200

### Boiler Noise Reducer for Hydronic Heating Systems

#### Features & Benefits

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

#### Application

Sentinel X200 is a non-acid product that has been formulated for the treatment of 'kettling' in hydronic heating boilers caused by limescale. Unlike alternative treatments, Sentinel X200 is added to the system and left there without causing any problems. Sentinel X200 is extremely successful in reducing noise problems caused by the presence of limescale 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

1 quart of Sentinel X200 is sufficient to treat a typical residential system of 25 gallons. Larger systems should be dosed at 1% of system water. The time taken for boiler noise to reduce or be entirely eliminated will depend on the hardness and quantity of limescale present.

In severe cases, a further dose of Sentinel X200 may be necessary. Sentinel X200 should be left in the system. The system water should also be treated with Sentinel X100 inhibitor, or Sentinel X500 inhibited antifreeze.

*Open Systems:* Dose via F&E cistern, via a by-pass feeder or use a dosing vessel.

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

#### Physical Properties

- Appearance: Clear colorless liquid
- Odor: Mild
- Specific gravity: 1.01 (68°F)
- pH in aqueous solution (1%): 7.5 (approx)
- Freezing point: 29.3°F

#### Packaging

- 1 Quart bottle
- 1 Gallon drum
- 5 Gallon drum

#### Safety Precautions

The information provided overleaf enables compliance with the Control of Substances Hazardous to Health Regulations. A full Safety Data Sheet is available upon request.

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<b>Boiler Noise Reducer for Hydronic Heating Systems</b>	An aqueous solution of synthetic polymers, phosphonate and surfactant.
<b>Health Hazards</b>	Not for use in potable water systems. Not considered hazardous to health.
<b>Handling</b>	Avoid contact with skin and eyes. 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.
<b>Spillage</b>	Flush spillage with plenty of water and wash to waste.
<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. Seek medical attention.  <b>Ingestion :</b> Rinse mouth with water. Do NOT induce vomiting! Seek medical attention.