

Product Facts



Sentinel X400 Rapid-Dose™ (400ml)

System Restorer & Cleaner for Hydronic Heating Systems

Features & Benefits

- Quick & easy product addition to all systems
- No need to draw off water, release system pressure* or wait for system to cool
- Full discharge in about 30 seconds
- Effectively removes radiator sludge
- Helps restore circulation
- Restores system effectiveness
- Suitable for all metals including aluminium
- Easy to handle
- Neutral pH -no neutralisation procedure is needed
- Easy & safe to handle, absolutely no mess

Description and Use

Sentinel X400 Rapid-Dose has been formulated for the effective cleaning of hydronic heating systems which may contain corrosion debris and other sludge.

Sentinel X400 Rapid-Dose disperses old corrosion products. It is ideal for use where a new boiler or pump is to be fitted to an existing system, or where radiators have cold areas or are partly blocked due to sludge build up. X400 reduces scale on heat transfer surfaces which increases boiler efficiency and reduces noise.

The product is a non-acid formulation which can be used in all types of indirect heating systems including those containing aluminium components.

Dosing

One aerosol canister of Sentinel X400 Rapid-Dose is sufficient to clean a typical residential system of 25 gallons. Larger systems should be dosed with two canisters. The product should be applied via the boiler drain valve using the dedicated dosing connectors provided. To clean the system, Sentinel X400 Rapid-Dose should be circulated, preferably at normal operating



temperature, with all valves open and the pump turned to maximum flow for a minimum period of 2 hours or until satisfactory performance is restored. Where systems are badly fouled, a longer period of circulation (e.g., up to 4 weeks) is recommended, but the product will not clear a completely blocked pipe. There is no limit to the time for which the product can safely be left in the system. Rapid cleaning may be carried out if Sentinel X400 Rapid-Dose is used in conjunction with a power flushing device.

Flush the system before refilling and treating with Sentinel X100 Rapid-Dose Inhibitor.

Physical Properties

- **Odour:** Mild
- **Specific gravity:** 1.06
- **pH (concentrate):** 6.4 (approx)
- **Freezing point:** -1°C

Packaging

- 400ml Aerosol canister



Safety Precautions

The contents of the can are under pressure and will discharge when attached to the connector. Ensure that the connector is securely attached to the heating system prior to mating with the can. Use only on fully indirect heating systems.

*It is only necessary to release system pressure when it is above 33 p.s.i (2.3 bar).

General health and safety guidance is provided below. A full Safety Data Sheet is available upon request.

Description	System Restorer for Hydronic Heating Systems An aqueous solution of synthetic organic polymers.
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. Use only as directed. Contents of the can are under pressure and will discharge when attached to the connector. Ensure that the connector is securely attached to the heating system prior to mating with the can. It is only necessary to release system pressure when it is above 33 p.s.i (2.3 bar).
Storage	Store in cool, well ventilated area. Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 120°F. Do not pierce or burn, even after use.
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 attention. Ingestion: Give plenty of water to drink. Seek medical attention.

