

Sentinel X400 Rapid-Dose™

Thorough cleaner for systems older than six months

To remove built-up magnetite sludge, to restore circulation to radiators and pipework and to prepare for the installation of new components, major boiler manufacturers recommended that older systems should be cleaned with Sentinel X400 High Performance Cleaner. For pressurised systems the ideal method of dosing is by using Rapid-Dose.

- **High cleaning power**

Restores system circulation and system effectiveness.

- **Long acting formula**

Holds sludge in suspension for up to 3 weeks, ideal for pre-dosing.

- **High performance dispersants**

Penetrates and lifts stubborn sludge ready for removal from system.

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

Ideal for pre-dosing ahead of the job.




**Minimum
2 hour
clean**



**Can contents suitable
to treat typical
domestic system**



**Also available
in 1 Quart and
Concentrate**



**Dose easily
into pressurised
systems**



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 X400 Rapid-Dose™ has been formulated for the effective cleaning of fouled hydronic heating systems which may contain corrosion debris and other sludge. 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. 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 can of Sentinel X400 Rapid-Dose is sufficient to clean a typical domestic system of 25 gallons. Larger systems should be dosed with two cans. The product should be applied via the boiler drain valve using the dedicated dosing connector provided. The system should be less than 33 p.s.i when the product is applied. Never attempt to dose into a hot system.

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 3 weeks) is recommended. There is no limit to the time for which the product can safely be left in the system. Flush the system before refilling and dosing with Sentinel X100 Rapid-Dose™.

Physical properties

Appearance:	Slightly hazy brown liquid
Specific gravity	1.08 (20°C)
pH (concentrate):	6.2 (approx.)
Freezing point:	8.6°F
Odour:	Mild

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.

Description	High Performance Cleaner 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.
Storage	Store in cool, well ventilated area. Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 122°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 advice. Ingestion: Rinse mouth with water. Do NOT induce vomiting! Seek medical advice.

We're proud to be endorsed by the industry's major international manufacturing companies:



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