

Sentinel X300

Universal Cleanser 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-caustic
- No neutralisation procedure is needed
- Removes flux residues
- Helps prevent radiator pin-holing
- Prepares and protects metal surfaces

Application

Sentinel X300 has been formulated as a cleaning aid for new central heating systems and those up to 6 months old. It will effectively remove excess flux residues, greases, oily contaminants, sludge and installation debris.

Sentinel X300 passivates the metal surfaces in the system and helps prevent copper deposition, which frequently causes severe pinhole corrosion in radiators.

Sentinel X300 is a neutral formulation that can be used in all types of indirect heating systems including those containing aluminium components.

Dosing & Feeding

Sentinel X300 should be dosed at 1% of system volume, i.e. 1 litre per 100 litres of system water. If the system is new, this should be at the time it is first filled. For best results, the water should be circulated at normal operating temperature for between 1-2 hours but no longer than 24 hours.

If it is not possible to heat the water, the circulation time must be compensated for by extending the time to at least 24 hours but no longer than one week. Drain and flush the system before re-filling and treating with Sentinel X100 inhibitor or Sentinel X500 inhibited antifreeze.

Open Systems: Dose via F&E cistern, via a bypass feeder or use a Sentinel Dosing Vessel.

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

Physical Properties

- Appearance: Slightly hazy colourless to pale yellow liquid
- Odour: Mild
- Specific gravity: 1.23 (20°C)
- pH (concentrate): 7 (approx)
- Freezing point: 0°C

Packaging

- 1 litre bottle
- 20 litre cubitainer

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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Universal Cleanser for Central Heating Systems	An aqueous solution of phosphate, organic heterocyclic compounds, polymers and organic bases.
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. Wash out empty container thoroughly with water before disposal.
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	<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. Seek medical attention.</p> <p>Ingestion : Rinse mouth with water. Do NOT induce vomiting! Seek medical attention.</p>