

## Sentinel X500

### Inhibited Antifreeze for Central Heating Systems

#### Features & Benefits

- Suitable for all metals including aluminium
- Manufactured under a quality system conforming to ISO9001
- Effective frost protection
- Easy to handle
- Helps prevent the formation of hydrogen gas
- Effectively controls corrosion and scale

#### Application

Sentinel X500 is a multipurpose inhibited anti-freeze formulated to help control corrosion, scale, boiler noise and hydrogen gassing in all types of indirect heating systems including those containing aluminium components. If minimum levels are maintained the product ensures a permanent protection and does not need to be replaced. Sentinel X500 is suitable for use in all waters, both hard and soft. The low toxicity formulation is colourless and easy to handle.

#### Dosing & Feeding

The dosage of Sentinel X500 will depend on the level of frost protection required. One 20L pail of Sentinel X500 added to a typical domestic system of 8 to 10 radiator panels will provide the minimum concentration of corrosion and scale inhibitor and also protection from freezing down to approximately -6°C. Two 20L pails will provide protection to -20°C. Further information is available upon request

For best results, it is recommended that systems are cleansed and flushed in accordance with BS7593; new systems and those up to 6 months old with Sentinel X300, existing systems with Sentinel X400. If the system is already noisy due to lime scale deposits in the heat exchanger, Sentinel X200 should be added together with Sentinel X500.

*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: Clear colourless liquid
- Odour: Mild slightly sweet
- Specific gravity: 1.03 (20°C)
- pH in aqueous solution (5%): 7.3 (approx)
- Freezing point: -58°C

#### Packaging

- 5 litre bottle
- 200 litre plastic drum

#### 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.

# Sentinel X500

<b>Inhibited Antifreeze for Central Heating Systems</b>	A solution of inorganic and organic corrosion and scale inhibitors in propylene glycol.
<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. On soil: Absorb on to inert material and dispose of according to Controlled Waste Regulations.
<b>Fire/Explosion Risks</b>	Non-flammable. Oxides of carbon and nitrogen evolved in fire.
<b>First Aid</b>	<p><b>Skin Exposure :</b> Wash immediately with plenty of water.</p> <p><b>Eye Exposure :</b> Rinse immediately with plenty of water. Seek medical attention.</p> <p><b>Ingestion :</b> Rinse mouth with water. Do NOT induce vomiting! Seek medical attention.</p>