

# Sentinel Deposit Remover

## Mild Acid Descaler

### Features & Benefits

- Dissolves magnetite and scales
- Manufactured under a quality system conforming to ISO9001
- Polymer based
- Effective even at low temperature
- Does not induce flash rusting
- Low toxicity
- Biologically degradable

### Application

Sentinel Deposit Remover is a powerful highly active cleaning agent for use in central heating systems. It is specifically designed to remove objectionable iron oxide deposits from heat exchangers, radiators and pipe work. Its unique composition allows Sentinel Deposit Remover to act as a complexing and penetrating dispersant under less acidic conditions than other acid based products.

Sentinel Deposit Remover is suitable for use with all commonly encountered metals and alloys. Aluminium may be cleaned, but special precautions must be taken with a maximum cleaning time of 2 hours.

Potable water systems may be cleaned, but must be flushed thoroughly before being returned to service.

### Dosing & Feeding

A single 5L container of Sentinel Deposit Remover is sufficient to clean a typical domestic system of 8 to 10 radiator panels. For larger systems, two 5L containers should be used. For faster cleaning, or with heavily fouled equipment, a typical system should also be cleaned with two 5L containers. The main system pump is suitable for circulation throughout the entire system.

Cleaning action is accelerated when the Sentinel Deposit Remover solution is heated and in constant circulation, but the temperature must not exceed 60°C.

More rapid cleaning may be carried out if Sentinel Deposit Remover is used in conjunction with a power-flushing device.

After cleaning, the system should be drained and flushed until the water runs clear. On refilling, the system should be treated with Sentinel X100 inhibitor, or Sentinel X500 inhibited antifreeze.

A Technical Bulletin is available upon request.

*Open Systems:* Dose via F&E cistern, via a by-pass 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:                  | Brown liquid |
| • Odour:                       | Mild         |
| • Specific gravity (20°C):     | 1.10         |
| • pH in aqueous solution (5%): | 3.0          |
| • Freezing point:              | - 6°C        |

### Packaging

- 5 litre bottle

### 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 Deposit Remover

<b>Sludge Remover for Central Heating Systems</b>	An aqueous solution of organic acid and synthetic organic polymers.
<b>Health Hazards</b>	Irritating to eyes.
<b>Handling</b>	Ensure good ventilation during cleaning. 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>	Absorb on to inert material and dispose of according to Special Waste Regulations.
<b>Fire/Explosion Risks</b>	Non-flammable
<b>First Aid</b>	<b>Skin Exposure :</b> Wash immediately with plenty of water. Immediately remove all contaminated clothing. 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 advice.