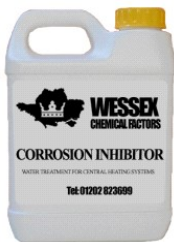


## Complete Care for your Central Heating System

A full range of products to keep systems running at full efficiency. For the protection and maintenance of central heating systems.

**Prevents corrosion in systems • Stops kettling • Eliminates cold patches**

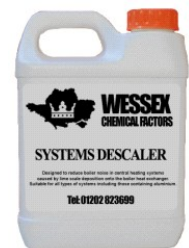
### CORROSION INHIBITOR



Corrosion Inhibitor is a balanced formulation of 3 compounds for the protection of different metals found in water heating systems. They were chosen on the recommendations found in the British Standard (BSI) and German Standard (DIN) for industrial heating systems. The combined use of Benzoate, Benzotriazole and Alkanolamine (see product label), imparts high calibre inhibition to steels, copper, aluminium and brass etc. commonly found in heating systems. The product also contains scale suppressant. We do not use system biocides because a) The high temperatures in hot water systems mean they are generally self sterilising, and b) We believe products which remain stable at very high temperatures can damage the environment through ground water.

### SYSTEMS DESCALER

Systems Descaler will dissolve scale and light rust without harming rubbers, seals or metals found in central heating systems. It can be left in the system for up to a week before being either flushed out or neutralised using Acid Neutraliser. The removal of lime scale which may have baked on to the heat exchanger will reduce boiler noise.



### SLUDGE & FLUX REMOVER

This product was developed to neutralise flux residues and clean systems. The product not only neutralises flux and moves sludge, it will also deal with scale formations, oil, grease deposits and rust.



### POWERFLUSH DESCALER

A blend of food grade organic and inorganic acids for use with power flushing equipment. The product dissolves scale and rust to facilitate the removal of magnetite sludge's with the use of the power flushing machine. (Sludge & Flux Remover may also be used with a power flushing machine-see Powerflush Pack brochure).



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## INSTRUCTIONS FOR USE

### **CORROSION INHIBITOR**

For protection against scale and corrosion in all types of indirect heating systems, including those containing aluminium.

**Application:**

**Open Vented Systems -**

- Turn off water supply by isolating the ball valve in the feed and extension cistern.
- Drain system until the feed and expansion cistern has been emptied and a further 5 litres of water have been removed.
- Add approximately four fifths of the bottle of Corrosion Inhibitor to the feed and expansion cistern and allow to enter the system.
- Turn on water supply and add the remaining corrosion inhibitor to the feed and expansion cistern. Bleed radiators if necessary.

**Open Vented or Sealed Systems -**

- Isolate a radiator.
- Remove 1 or 2 litres of water by breaking the connections or via a drain valve (if available).
- Remake the connection or close the valve.
- Remove a plug from the top of the radiator and pour in Corrosion Inhibitor using a funnel and tubing.
- Replace the plug, open the valves and bleed the radiator.

### **SYSTEMS DESCALER**

Designed to stop boiler noise by eliminating scale that has baked on to the heat exchanger.

Safe for use on aluminium components.

**For use in indirect systems only.**

**Application:**

- Add Systems Descaler at an approximate dose of 1% i.e. 1 litre per 10 radiator system.
- Systems Descaler can be introduced via either a feed and expansion system or a radiator.
- Return the heating system to normal, this product can be left in the system for up to 1 week.
- After flushing the system refill with clean water and Corrosion Inhibitor.

### **SLUDGE & FLUX REMOVER**

For the removal of sludge deposits which can cause cold patches in radiators, and flux residues in new systems.

**Application:**

- Dose system at 1%, i.e. 1 Litre per 100 Litres of system water. 1 Bottle should be sufficient for a typical central heating system (8-10 rads). For larger systems, an extra bottle is required, overdosing the system does not present a problem. NB Where a thermal storage appliance is fitted, allow for increased volume of primary water.

- **Open Systems:** Dose via header tank, (sufficient draining from a low point is required to ensure the entire product enters the circulating part of the system).

- **Sealed Systems:** If the system is empty, add to any convenient part before filling. If full, inject via the filling loop, or other access point.

To clean an existing system, circulate product through the system with all valves open, preferably at room temperature. Leave for a minimum of 2 hours or until satisfactory performance is restored. For badly fouled systems, a longer period of circulation is recommended i.e. up to 4 weeks. Flush the system before refilling and treat with our corrosion inhibitor. Use also when fitting new boilers or pumps to an existing system, or where radiators have cold areas due to sludge build up.

### **POWERFLUSH DESCALER**

For the removal of heavy deposits of corrosion, sludge formations and iron oxides typically found in systems with circulation and heat transfer problems.

**Application:**

Use in conjunction with Power flushing machine according to manufacturers instruction.

Health & safety for all products:

As with all chemicals handle with care. Do not ingest. Keep out of reach of children and animals. Avoid contact with skin and eyes. In case of contact with skin, wash with plenty of water. In case of contact with eyes, rinse immediately with plenty of water.

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