

# WP 0327

## POWERFLUSH DESCALER

Acid based descaler for use with or without a Powerflush machine.



### BENEFITS

- Effectively dissolves limescale, corrosion deposits and iron oxides quickly.
- Safe on most materials including steel, iron, copper, brass most plastics and rubbers.
- Can be neutralised with water flushing or Wessex Acid Neutraliser.

### DESCRIPTION

Powerflush Descaler loosens and dissolves corrosion deposits, limescale and iron oxides typically found in heating systems with circulation and heat transfer problems. We recommend using the Powerflush Descaler specifically in the boiler (heat exchanger) where heavy scale deposits can be present (due to high temperatures).

Powerflush Descaler is safe for use on most materials found in heating systems including steel, stainless steel, iron, copper, brass and most plastics and rubbers.

Can be water neutralised through flushing or if time is an issue, with our Acid Neutraliser crystals.

Suitable for: Central heating systems, Industrial and domestic heating systems, boilers, heat exchangers.

**Warning: product contains high acid content and is classed as corrosive. Handle with care.**

### PRODUCT SIZES

- 1 litre
- 5 litres

### INSTRUCTIONS FOR USE

#### FOR PROFESSIONAL USE ONLY

Use 1 litre for a typical central heating system (10-12 radiators). This amount can be increased if the system has severe flow problems or microbore piping.

Using your pump, relatively loose material can be purged through the dump valve (with radiators and zone valves open). Close dump valves to restore circulation in the heating system. Add the descaler through the pump filter cap before individual radiator flushing. The product may be used in a cold system but firing the boiler for a few minutes will speed up the reaction.

Close all radiators but the one being flushed and allow full flow for about 5 minutes per radiator. Change pump to dump mode to purge all debris to waste. Add neutralising powder to the pump tank, circulate for five minutes (radiators open), let waste water run clear and check water with pH papers (it should read 7).

## PHYSICAL PROPERTIES

**Colour:** Red.

**Appearance:** Red liquid.

**Odour:** Characteristic.

**Solubility:** Soluble in water.

**Boiling point:** ~100°C.

**Flash point:** No data available.

**Flammability:** Non-flammable.

**Density:** 1.198g/cm<sup>3</sup>.

**pH:** <2.

## HEALTH & SAFETY

**Hazard pictogram (CLP):**



**Hazard statements (CLP):**

H314 – Causes severe skin burns and eye damage.

**Precautionary statements (CLP):**

P260 – Do not breathe in vapour, spray, mist.

P264 – Wash hands thoroughly after handling.

P280 – Wear eye protection, protective gloves, protective clothing.

P301+P330+P331 – IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 – IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses if present and easy to do. Continue rinsing.

P310 – Immediately call a doctor.

P321 – Specific treatment (supplemental first aid instructions on label).

P405 – Store locked up.

P501 – Dispose of contents/container to a hazardous or specialist waste collection point, in accordance with local, regional, national and/or international regulation.

**Hazardous ingredients:** None.

**EUH210 – Safety Data Sheet available on request.**

**Wessex Chemical Factors Ltd**

**17 Crane Way**

**Woolsbridge Industrial Park**

**Three Legged Cross**

**Wimborne**

**Dorset**

**BH21 6FA**

**United Kingdom**

**Tel: 01202 823699**

**Fax: 01202 813863**

**Email: [info@wessexchemicalfactors.co.uk](mailto:info@wessexchemicalfactors.co.uk)**

**Website: [www.wessexboatstore.co.uk](http://www.wessexboatstore.co.uk)**

