



ENRCHI CLEANER - TDS

Neutral, concentrated cleaner for closed water-based heating systems

Technical Data Sheet | Revision: 10 September 2026

DESCRIPTION

Enrchi Cleaner is a neutral, concentrated, inhibited and non-foaming liquid cleaner designed to remove limescale, corrosion products, debris and sludge from closed heating systems.

It is intended for smooth, fast-acting and non-aggressive cleaning of radiators, pipework and heating equipment, including boilers and heat-pump systems. The cleaner helps remove deposits and restore circulation through radiators and pipework.

The formulation is free from strong acids and contains corrosion inhibitors, making it suitable for common metallic and non-metallic materials used in heating systems, including carbon steel, copper, aluminium, brass and common rubber materials.

It performs in hard, softened and demineralised water and can be used for older contaminated systems as well as pre-commission cleaning of new systems.

ADVANTAGES

- Concentrated - 500 ml treats up to approximately 130 litres of system volume.
- pH-neutral, non-acid formulation.
- Buffered to reduce large pH shifts during cleaning.
- Helps remove sludge, limescale, corrosion deposits and debris.
- Can help eliminate radiator cold spots caused by deposits.
- Suitable for systems containing aluminium.
- Suitable for use with common power-flushing equipment.
- Free from borates, nitrates, nitrites and EDTA.
- Non-hazardous mixture according to Regulation (EC) No. 1272/2008.

PHYSICAL DATA

Appearance	Light yellow to brownish-yellow liquid
Density at 20 °C	1.10 ± 0.05 g/cm ³
pH	6.0 - 7.0
Freezing point	-10 °C
Water solubility	Miscible in all proportions

DOSAGE AND USE

Standard dose: 500 ml for systems up to approximately 130 litres in volume (up to about 16 panel radiators or 250 m² of underfloor heating).

Typical cleaner dose: approximately 3500 g/m³. For heavily sludge-contaminated systems, the documented recommended dose is approximately 7000 g/m³; repeated cleaning may be necessary.

Drain and refill the system with clean water before adding the cleaner. Dose through an appropriate point such as the expansion tank, fill hose, radiator, coil or magnetic filter as applicable.

Circulate for at least 1 hour under normal heating conditions in new systems. In heavily contaminated systems, the cleaner may remain in circulation for up to one week. After cleaning, drain and flush with clean water until contaminants are removed and the discharge runs clear. A power-flushing unit may be used for faster, more effective removal.

HEALTH AND SAFETY

Avoid contact with skin and eyes. Keep out of reach of children. Contains a reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), which may cause an allergic reaction. Refer to the Enrchi Cleaner SDS.

PACKAGING AND STORAGE

Packaged in 500 ml bottles. Store above freezing in tightly closed original packaging. Under appropriate storage conditions, the documented shelf life is at least two years.

Supplier / brand owner: **Intazinga B.V.** | Enrchi product brand
Princes Beatrixstraat 23, 5061 TM Oisterwijk, The Netherlands
info@enrchi.com | www.enrchi.com

Technical values are based on the formulation documentation supplied to Enrchi. This sheet is intended for product selection and use; consult the current Enrchi SDS for safety information.