

## MC1<sup>®</sup> Central Heating System PROTECTOR

High performance MC1 Protector protects against both system corrosion and limescale deposition.

The latest MC1 chemical is the product of a considerable amount of industry knowledge and experience built up over a long number of years. It has been developed and tested within ADEY's own UKAS accredited laboratories here in the UK.

- Prevents the generation of black sludge
- Reduces component failure and maintenance call-out costs
- Maintains room temperature comfort levels
- Prevents cold spots in radiators
- Helps maintain system efficiency and reduce fuel bills
- Protects all metals and alloys in heating systems
- Suitable for all water types

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### Physical and chemical properties

Appearance:	Liquid
Colour:	Clear, pale yellow/ yellow
Odour:	Slight
Solubility:	Soluble in water
pH (concentrated solution):	8.0
Relative Density:	1.11 - 1.12 g/cm <sup>3</sup>

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### Product uses

For the long-term protection of domestic central heating against the damaging effects of metallic corrosion and limescale deposition. Inhibits the corrosion of all metals and alloys commonly found in heating systems including mild steel, copper and aluminium and their alloys. Compatible with all rubbers and other non-metallic components. Conforms to NSF CIAS, Chemical Inhibitor Approval Standard.

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### How to use

500ml of MC1 treats up to 100 litres or 10 single panel radiators.

Introduce MC1 to the system via the filling loop or radiator using a suitable injector, or via a *MagnaClean*<sup>®</sup> filter. Alternatively, dose via a radiator or the F&E tank.

To ensure ongoing protection, MC1 levels should be checked regularly during annual system service or following any system maintenance requiring full or partial drain-down. To ensure adequate treatment level, check the MC1 concentration using the *MC1 Quick Test Kit*.

We recommend topping up levels of MC1 on an annual basis.

*N.B. NOT for use in single feed indirect cylinders.*

*N.B. Do not use this product in conjunction with or add in to systems containing nitrites.*

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### Application

MC1 is suitable for all sealed and open-vented central heating systems. The level of inhibitor within the system should be checked with the annual boiler service to ensure the optimum dosage for protection is maintained.

MC1 is not suitable for use in single feed indirect "prismatic" cylinders where potable water treatment is required.

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### Environmental

MC1 is classified as non-hazardous whilst delivering effective protection against corrosion and limescale. MC1 does not contain phosphates, EDTA or nitrate/nitrites which have negative environmental effects.

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### Quality

ISO 9001 & ISO 14001

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### Packaging, handling and storage

Available in 500ml plastic containers.

MC1 is classified as non-hazardous, but as for all domestic chemicals, avoid direct contact with the substance, keep out of reach of children and avoid contact with eyes and skin. Store in a cool, well ventilated area. Keep container tightly closed. Must only be kept in original packaging.

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