

## Hydronic Heating System PROTECTOR

High performance *MC1+™* from ADEY®, prevents both black iron oxide sludge and limescale deposits. *MC1+* delivers advanced levels of system protection, with a higher concentrated formula, compared with standard products, as one bottle treats systems with up to 15 radiators.

The latest *MC1+* formulation is the product of extensive industry experience and testing, developed in ADEY's own accredited laboratory.

- Prevents the generation of iron oxide sludge
- Protects all metals and alloys in hydronic heating systems
- Concentrated formula, treats 33 gallons – use less to treat more
- Reduces component failure
- Helps reduce heating and maintenance costs
- Maintains room temperature comfort levels
- Suitable for ALL hydronic heating systems

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## Physical and chemical properties

Appearance:	Liquid
Color:	Pale yellow to yellow
Odor:	Mild
Solubility:	Miscible
pH (concentrated solution):	7.5 – 8.5
Relative Density:	1.12 – 1.16

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## Product uses

For the long-term protection of hydronic heating systems, *MC1+* minimizes oxidation which causes the formation of sludge, and prevents limescale buildup.

The advanced formula protects against the corrosion of all metals and alloys commonly found in hydronic heating systems including mild steel, copper and aluminum and their alloys, and is compatible with all rubbers and other non-metallic components.

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## How to use

One bottle of *MC1+* treats up to 33 gallons.

Introduce *MC1+* to the system via the purge and fill point or radiator using a suitable injector, or via a *MagnaClean®* filter. For open vented systems, *MC1+* can be added via the expansion tank, remembering to remove sufficient water via the drain-point to ensure *MC1+* enters the system circuit.

*MC1+* levels should be checked regularly during annual service or following any system maintenance requiring full or partial drain-down.

NOTE: NOT for use in single feed indirect cylinders.

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## Application

*MC1+* is suitable for all sealed and open-vented hydronic heating systems. The level of product 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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## Packaging, handling and storage

Available in 1.05 pints. *MC1+* is classified as non-hazardous, non-toxic and biodegradable, but as for all residential chemicals, keep out of reach of children and avoid contact with eyes and skin.

In case on contact with eyes, rinse immediately with water, seek medical attention if symptoms occur.

Not to be taken internally.  
Store at temperature above 32°F.

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