

- Suitable for multi-metal systems, with iron, steel, copper, brass and aluminium.
- Prevents scale and sludge formation.
- Prevents micro-biological contamination.
- Prevents internal pitting and galvanic corrosion.
- Protects and extends life of heating system.
- Extended active life.
- Non-critical dosage rate.
- Buildcert approval.



The KAMCO range of water treatment chemicals for the care, maintenance and protection of heating and cooling systems

Systemsafe-DM corrosion inhibitor has passed the Buildcert / DWTA performance test and approval process, so you can be sure that it will give long term scale and corrosion protection to heating systems.



SYSTEMSAFE-DM is a balanced blend of corrosion and scale inhibitors, formulated to provide complete protection against system corrosion and scale formation.

It gives long term protection to central heating systems, preventing internal corrosion, scale deposition and boiler noises, and extends the life of the system and maintains its operational efficiency.

The formation of black iron oxide sludge, which accumulates in low flow areas to give flow problems and cold spots on radiators, is prevented, as is the electrolytic and oxidic corrosion which leads to localised pin-hole corrosion and leaks.

SYSTEMSAFE-DM may be used with all metals commonly used in heating systems, including iron, steel, brass, copper and aluminium. It is simply added to the heating system and requires no further action.

APPLICATION

Larger heating and cooling systems: Normal dosage rate is 1% of system volume.

Domestic heating systems: 1 litre of SYSTEMSAFE-DM is sufficient to treat a typical central heating system

of 100 litres capacity (approx. 10 radiators). Further addition will only be required if water losses from the system occur, and should be added at a dosage rate of 1 litre per 100 litres system capacity.

To ensure that all SYSTEMSAFE-DM enters the system, add to the feed and expansion tank after isolating water supply and draining off 15 litres (3 gallons) of water. Allow system to re-fill.

Alternatively, SYSTEMSAFE-DM may be introduced directly into a radiator, using an IK6 injector unit, or added to a system via the tank of a power flushing pump.



OTHER APPLICATION GUIDANCE

New Systems

Before adding SYSTEMSAFE-DM to a new system, we recommend a pre-commission cleanse with SYSTEM PRE-CLEAN to remove installation and manufacturing debris such as swarf, grease and jointing paste, to mobilise and remove any dust and dirt, and neutralise any acidic flux residues.

Existing Systems

It should be noted that no corrosion inhibitor can reverse previous corrosion damage. To optimise the system efficiency, and allow SYSTEMSAFE-DM to work to best effect, particularly if the water is dirty and heavily discoloured, we advise that the system should first be flushed with HYPER-FLUSH. This is particularly important in cases where a new boiler or heat exchanger is being added to an older installation.

Checking the correct treatment level

The exact dosage rate is not critical, as SYSTEMSAFE-DM will work effectively within a +/- 20% range, but a Systemsafe-DM test kit is available to check for optimum treatment level. The test kit determines the level of molybdate, which will be 330 ppm at the standard dosage rate. The kit contains tablets for ten tests, together with sampling syringe, colour chart, and instructions.

Pack sizes

cartons of 12 x 1 litre & 4 x 5 litre, and 25 litre drums.