

Biocide and fungicide for underfloor systems, conventional heating systems and non-evaporative chilled water systems



- Removes and prevents micro-biological contamination caused by bacteria and fungi.
- Removes and prevents blockages of pipe work, heat exchangers, manifolds and other small bore components.
- Suitable for use with iron, steel, copper, brass, aluminium and plastic polymers used in underfloor systems.
- Low 0.25% dosage rate (0.5 lt per 200 litres of water)
- Long lasting and non-corrosive.

What it does:

Systemsafe-Bio is a stabilised blend containing a broad spectrum biocide for the removal and elimination of bacteria and fungal matter in hot water and chilled water systems.

A powerful bio-dispersant lifts and disperses biofilms, preventing the development of under deposit corrosion. Added to new and cleaned systems it gives long term protection, extending system life and maintaining efficiency.

Application:

If the system is vented, add to the feed and expansion tank after isolating water supply and draining off an adequate quantity of water. Allow system to re-fill.

Alternatively, a SYSTEMSURE IK6 injector may be used to inject Systemsafe-Bio into a radiator through an air bleed valve, or the filling loop of a sealed system. It may also be added to a system via the tank of a Clearflow power flushing pump.

Preparation:

1. If the system water is dirty and heavily discoloured with corrosion debris

it should first be flushed and cleaned with HyperFlush, before treating with Systemsafe-Bio and Systemsafe-DM corrosion inhibitor.

2. If the system water is already fouled with micro-biological contamination such as slime and organic material, the system should first be sanitised by circulating Systemsafe-Bio at a dosage rate of 500ml per 200 litres system water, for up to 4 hours.

For heavily contaminated systems with a large amount of biofilm a contact time of 12 hours is recommended.

(This time may be reduced if the flush is assisted with a power flushing pump.)

The system should then be thoroughly flushed with clean water before addition of Systemsafe-Bio at the standard dosage rate, together with Systemsafe-DM corrosion inhibitor.

Dosage rate:

1/2 litre (500ml) of Systemsafe-Bio will treat a system of up to 200 litres capacity (approx 20 radiators).

Further addition will only be required if water losses from the system occur. Larger heating and cooling systems should be dosed at 0.25% of system volume.

Pack sizes:

cartons of 12 x 500ml,
10 litre drums.



10 litre pack of Systemsafe-Bio for larger systems.

Other products in the SystemSure range

