

Huwa-San TR3

Disinfection of Shower Heads and Thermostatic Mixer Valves (soft water)



What: Huwa-San TR3.

Where: Shower heads and Thermostatic Mixer Valves (TMVs).

When: You can disinfect shower heads and Thermostatic Mixer Valves at any time as the process shouldn't interfere with daily routines. However, method 1, described below, directs you to Help Sheet [SafeSol Huwa-San TR3 Disinfection of Domestic Water System](#) and is a slightly longer process.

Why: Huwa-San TR3 disinfects water systems and kills legionella bacteria. We recommend that shower heads are cleaned, disinfected and descaled at least quarterly, however, where conditions dictate, the process may have to be carried out more frequently. This ensures that your property remains HSG 274 Part 2 compliant. (The Control of Legionella Bacteria in hot and cold water systems).

TMVs require to be disinfected less often than showerheads and it is advised that they are disinfected as per manufacturer's instructions and in the case of hard water areas, descaled.

How: There are three methods for disinfecting shower heads and TMVs.

Method 1 – for numerous cold water tank fed shower heads (10 or more)

Step 1) If you have numerous shower heads and or TMVs all fed from your cold water storage tank, then the easiest and quickest way to disinfect them all is to follow the instructions on Help Sheet [SafeSol HuwaSan TR3 Disinfection of Domestic Water System](#).

With this method, ensure that the Huwa-San TR3 is pulled through the hot and cold side of all the shower heads and TMVs.

Method 2 – for fewer cold water tank fed shower heads (9 or less)

Step 1) Fill a bucket with water and add sufficient Huwa-San TR3 to give 1200ppm hydrogen peroxide.

Volume of water	Amount of HuwaSan TR3 needed
1 litre	40ml
5 litres	200ml
10 litres	400ml
15 litres	600ml

Step 2) Place the shower heads, hoses and or TMVs into the chemical mixture in the bucket and leave for an hour.

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Method 3 – for fixed shower heads

If you can't remove the showerhead and soak, you can spray Huwa-San TR3 directly onto the fixed showerhead. Huwa-San TR3 will only disinfect where it touches, so this is the least effective way of disinfecting your shower heads.

Use our Huwa-San TR3 spray bottle, on the finest spray, and liberally apply the undiluted Huwa-San TR3. Leave the shower head coated in Huwa-San TR3 for at least 15 minutes, and there's no need to rinse.



Huwa-San TR3 Health and Safety

Put simply, independent testing has shown that Huwa-San TR3 is safe to handle and to use.

Put technically! French laboratory, EVIC-CEBA, performed a toxicological evaluation on Huwa-San TR3. It was tested in accordance with 67/548/EEC and concluded that it's not a skin irritant or a skin desensitiser; it's not dangerous by ingestion and it's not an eye irritant.

In hospitals, never do an Huwa-San TR3 disinfection if there's a dialysis unit or laboratory linked to the water system or if there's the possibility of Huwa-San TR3 getting into the water supply to these units.

Regardless of Huwa-San TR3's fabulous safety record, SAFESOL advocates the use of appropriate safety equipment when using any chemical. Please refer to the MSDS sheet prior to use.

Before using any chemical, you should always reference your in-house Risk Assessments and Method Statements.