

Spa Pool Huwa-san TR5

Disinfection of Spa Pools and Hot Tubs



What: Spa Pool/Huwa-San TR5 Disinfectant

Where: Spas, Pools and hot tubs.

When: The initial dose should be carried out before the spa pool is used and then the top-up dose of 50ppm should always be maintained.

Why: Spa Pool disinfects spas, pools and hot tubs, kills legionella, destroys other bacteria and helps to remove biofilm, body oils, fat and grease. It's very important that hot tubs, pools and spas are disinfected to kill legionella and other water borne bacteria including Pseudomonas which can cause disease.

Using Spa Pool as an alternative to chlorine and bromine can allow for a better bathing experience due to less red-eye and skin irritation.

How:

There are two stages that should be followed when carrying out the disinfection to ensure that Spa Pool works in its most effective way

Stage one: a start-up dose

Step 1) Fully drain and then refill so you're starting with fresh water.

Step 2) Add enough Spa Pool to achieve 100ppm hydrogen peroxide. Circulate around the system and leave in place for at least 12 hours. Here's how to work out the volume of Spa Pool disinfectant you need:

Spa or hot tub volume	Amount of Spa Pool needed
1000 litres	2 litres
1500 litres	3 litres
2000 litres	4 litres

Step 3) After a 12 hour disinfection period, drain the spa or hot tub and discharge the solution. No need to neutralise.

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Step 4) You might find there's a little residual biofilm left on visible surfaces. This can be wiped clear using a clean cloth.

Stage two: a maintenance dose.

Step 1) Once the start-up dose is complete, re-fill the spa or hot tub and add enough Spa Pool to achieve a maintenance dose of 50ppm hydrogen peroxide.

Hot Tub Volume	Amount of Spa Pool required
1000 litres	1 litres
1500 litres	1.5 litres
2000 litres	2 litres

Step 2) Using hydrogen peroxide test strips to test the water at regular intervals, maintain the levels of 50ppm.

NOTE: if the peroxide level drops to zero or if the condition of the water is allowed to deteriorate due to being left off-line and unused for a significant period of time, then you'll need to return to the start-up method of disinfection.

Filter cleanliness is a very important part of ensuring that Spa Pool is effective and hot tubs remain bacteria free. Filters should be cleaned a minimum of weekly where they should be hosed down and then replaced or steeped in 1000ppm solution of peroxide.

Spa Pool Health and Safety

Regardless of Spa Pool 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.

In line with HSG 282 there should be a legionella risk assessment in place for any spa, pool or hot tub.