

Environmentally friendly disinfection and deodourisation of water, tanks and water systems.

Steritank HP is an effective liquid disinfection suitable for potable water and other uses, based on stabilised Hydrogen Peroxide. Unlike chlorine it has no taste or odour of its own so it is ideal for the disinfection of water tanks and piping. It is also suitable for one-off disinfection or deodourisation of the water in a tank. Sediment in the tank may need to be removed first. Steritank HP can be added directly to the tank. Electricity is not required.

Steritank HP has no breakdown by-products other than water and oxygen, unlike chlorine, which forms carcinogenic THMs from reactions with organic matter. Chlorine also results in an unpleasant taste unacceptable at the levels required for disinfection of pipework.

Water disinfection:

The recommended regular maintenance dose of Steritank HP is 30mg/L, this is 30mL per 1,000 Litres of water in the tank (130 mL per 1,000 Imp.gallons), dosed weekly (or more often if water turnover is faster than this). A higher dose may be needed if the water is discoloured or turbid – so ideally the water should be filtered. Mix in Steritank HP after addition by running a hose into the tank to recirculate the water or stir the tank with a clean broad bladed paddle. Allow 1 hour before drinking. Do not exceed 100mL dose per 1,000L (450mL per 1,000 Imp. gal), do not dose more than once weekly if water turnover is slow. The initial dose (the first application) should be 100mg/L (100mL per 1,000 Litres).

Automatic dosing:

Steritank HP can be automatically added using an in-line dosing pump for continuous application. Remember a contact time is necessary before drinking.

Sanitation of tanks and piping or deodourisation:

For sanitation of tank and pipes after plumbing work or when new, or for deodourisation, add 100mg/L. Mix as above and pump water through to all pipes and taps. Allow 1 hour before drinking. Addition after tank desludging is recommended also at 100mg/L. Note that slime deposits may be removed by Steritank's disinfection action which can increase the load on filters temporarily.

Cooling Water:

Continuous or shot dosing is recommended at levels from 50-200mg/L depending on the degree of microbiological growth and water quality. Test kits are available to monitor the concentration of Steritank HP.

Hydroponics use:

Addition and maintenance of 100mg/L of Steritank HP has been shown to be beneficial in controlling pythium growth without damaging roots. Small scale tests are advised initially.

Disinfection of filter cartridges:

Clean the filter cartridge under running water then stand the cartridge for 15 minutes in a 10% solution of Steritank HP. Rinse off the Steritank HP before use or run filtered water to waste for 5 minutes from a tap.

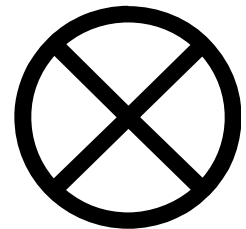
When to use Steritank HP in drinking water:

When new equipment, water tank or pipework is installed.
If water from a undisinfected source is added to the tank.
To combat an unpleasant taste from a tank.
When small children come to visit.
After contamination may have occurred (dead bird or rodent in the tank).
Annually after a tank clean.
As a regular maintenance dose if other disinfection methods are impractical.
If tummy problems occur in the household.
When stock don't like the water you're giving them.
If the water will be left unused for an extended period.



When not to use Steritank HP:

When the water is very discoloured or is turbid (filter it first).
If you already add other chemicals (consult Contamination Control Ltd).
If you have already added the maximum dose.
If the tank contains an accumulation of sediment (de-sludge it first)



Safety notes:

Follow the handling and safety instructions on the container label.

Avoid contact with skin or eyes.
Dilute spills with plenty of water.
Store in the original container.

Test Report – Steritank HP

Sample source: Rainwater tank
Steritank HP dose: 30mL/1,000 Litres
Time from dosing to testing: 1 hour

Test parameter	Pre-dose	Post-dose
Total coliforms cfu/100mls	3,000	less than 1
Faecal coliforms cfu/100mls	3	less than 1
Heterotrophic plate count cfu/ml	420	7

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