

IMPORTANCE OF WATER TREATMENT

It is of great importance that you regularly monitor and appropriately treat the water in your CleverSpa to maximise your enjoyment from the hot tub and to extend its life. Importantly, you should know that hot tubs can harbour bacteria if not treated correctly and the most common form can lead to Legionella's disease. These risks can increase with the age of the user, but some people are at higher risk including:

- People over 45 years of age
- Diabetes, lung and heart disease
- Smokers and heavy drinkers
- Anyone with an impaired immune system
- People suffering from chronic respiratory or kidney disease

HOW DO PEOPLE GET IT?

People contract Legionnaires' disease by inhaling small droplets of water (called aerosols), which are suspended in the air and contain the bacteria. Certain conditions increase the risk from Legionella if:

- The water temperature in all or some parts of the system is between 20-45°C, which is suitable for growth of the bacteria
- It is possible for breathable water droplets to be created and water is stored and/or re-circulated
- There are deposits that can support bacterial growth providing a source of nutrients for the organism e.g. rust, sludge, scale, organic matter and biofilms (from the body)



USEFUL INFORMATION

To keep your CleverSpa in pristine condition, always use the correct chemicals and regularly change your filters. Additionally, ensure the spa water is changed frequently especially when used often. Always use spa suitable products when cleaning areas around hot tubs, since household cleaners often contain phosphates which nurture algae growth or detergents which cause foam.

Whilst CleverSpa chemicals have been designed with the CleverSpa hot tubs in mind, they are also suitable for other types of hot tub water treatment. It is essential to keep your hot tub water hygienic and free of water-borne diseases like Legionella, by treating it with the correct chemicals and regularly changing your filters, regardless of how long or how frequently you use your hot tub. Correct water treatment will ensure the safety of hot tub bathers, reduce how often you have to replace the water and also prolong the lifespan of your pump.

To reduce foaming on the surface of the spa water, it is ideal to shower before entering the spa, this will help to remove any lotions or oils on the skin. For more detailed advice on removing foam and how to use other chemicals in our range, visit our How to Handle and Store Chemicals page at cleverspa.co.uk



Revitalise. Rejuvenate. Relax.

SPA STARTER KIT

Everything you need to keep your spa clean & safe



Be Smart. Choose Clever.

For more information on CleverSpa visit: www.cleverspa.co.uk
In case of emergencies please call: 0845 504 5440

SPA STARTER KIT



GETTING STARTED - DISINFECTING THE SPA WATER

CleverSpa Stabilised Chlorine Granules are perfect for using daily with your spa, helping to remove bacteria and other potentially harmful organisms from the spa water. They rapidly dissolve and have little effect on the water pH.



INITIAL USE:

When first using the spa, the level of chlorine in the water needs to be primed. This initial dose is required only when fresh water is used to fill the spa for the first time. Thereafter, the daily dose is less & depends on how frequently the spa is used. Please use the table below as a guide:

Type Of Spa	Water Capacity (Litres)	Initial Priming (Grams)	Approx. Heaped Teaspoon Equivalent	Daily (Grams)	Approx. Teaspoon Equivalent
6 Person CleverSpa	1,000	20	4 tsp	10	2 tsp
4 Person CleverSpa	800	16	3 & 1/4 tsp	8	1 & 3/4 tsp

FREQUENT USE:

For frequent use (3-4 times per week), use 5g per person for a 6 person spa or 4g per person for a 4 person daily or as needed. Remember that chlorine granules should only be added whilst the filtration system is running and the water temperature is above 20°C. If it is below 20°C, then pre-mix the granules in warm water before adding it to the spa water at a rate of 10g per litre, ensuring it is stirred well and fully dissolved before adding. Use your chlorine test strips daily before use to ensure that the chlorine level is between 3 & 5 parts per million (ppm).

WARNING!

- Always read the label and product information before use.
- Store locked up and keep out of reach of children.
- Keep the container dry.
- Harmful if swallowed.
- Causes serious eye irritation.
- May cause respiratory irritation.
- Very toxic to aquatic life with long lasting effects.
- Contact with acids releases toxic gas.
- Do not use with other products.
- May release dangerous gases (chlorine).
- Use biocides safely at all times.



If the chlorine granules make contact with eyes, rinse continuously with water for 15 minutes. If wearing contact lenses, remove if easy to do so and the eyes should be continued to be rinsed with water. Seek medical attention immediately. In case of fire, do not breathe fumes. The granules and its container must be disposed of as hazardous waste. Please avoid release into the environment.

PLEASE READ CAREFULLY!

- Read instructions on each product thoroughly before use.
- Store in a cool, dry place.
- Always wash your hands thoroughly after handling spa chemicals.
- Keep all chemicals locked-up and stored away from children.
- Always handle products in a well ventilated area.
- Instructions and dosages given are a guide to most effective use.
- Never mix with any other chemicals including cleaning products, weed killers & other chlorine products, as a dangerous reaction may occur.

HOW TO TREAT YOUR WATER

It is of great importance that you regularly monitor and appropriately treat the water in your CleverSpa to maximise your enjoyment from the hot tub and to extend its life.



INCREASING THE pH OF THE SPA WATER USING pH PLUS



Ideal spa pH levels are between 7.2 - 7.8 ppm. Test the pH of your spa water regularly (ideally daily) and if the pH is below 7.2, then use CleverSpa pH Plus to increase it.

HOW TO USE:

If the pH value is below 7.2 add 11g for a 6 person spa (1,000L) or 9g to a 4 person (800L). To do this add the granules to 2L of warm water and stir well to dissolve before adding to the spa. Please ensure the filtration system is running when adding the pH Plus solution. Check the pH value after a minimum period of 4 hours. If the pH value remains low then repeat as necessary until the pH of the water is between 7.2 and 7.8ppm (parts per million). If you are unable to maintain an appropriate pH level in your tub the most likely cause is that the total alkalinity is too low. Always correct the total alkalinity balance before you attempt to balance the pH.

WARNING!

- Not hazardous when normal health & safety practices are observed.
- In contact with skin, wash immediately with plenty of soap & water.
- In case of contact with eyes bathe the eye with running water for 15 minutes, hold the eyelids apart during irritation. If irritation persists seek immediate medical assistance.
- In case of ingestion wash mouth out with water - drink a minimum of 300ml water to dilute stomach contents.
- In case of inhalation remove casualty from exposure, ensuring your own safety, whilst doing so.
- Use in a well ventilated area & wear protective gloves & safety goggles.



DECREASING THE pH OF SPA WATER USING pH MINUS



Ideal spa pH levels are between 7.2 - 7.8ppm. Test the pH of your spa water regularly and if the pH is above 8.0, then use CleverSpa pH Minus to decrease it.

HOW TO USE:

If the pH value is above 8.0 add 60g for a 6 person spa (1,000L) or 48g to a 4 person (800L). If the value is between 7.8 and 8.0 then add 30g for a 6 person spa (1,000L) or 24g to a 4 person spa (800L). To do this add the granules to 2L of warm water & distribute the solution around the spa whilst the pumps are turned on. Test the water after 30 minutes & repeat as necessary until the correct pH value is achieved. If you are unable to achieve an appropriate pH level in your spa the most likely cause is that the total alkalinity is too low. Always correct the total alkalinity balance before you attempt to balance the pH.

WARNING!

- Causes serious eye damage.
- Keep out of reach of children.
- Avoid contact with skin.
- If granules make contact with eyes, rinse cautiously with water for several minutes.
- If wearing contact lenses these should be removed if easy to do so and the eyes should be continued to be rinsed with water.
- Seek medical attention immediately.



PREVENTS AND REMOVES FOAM FROM THE SPA



Add 50ml of CleverSpa Foam Remover directly to the spa water. Please ensure the spa pump is active whilst adding as this will help to distribute the formula within the spa water. Shake bottle well before use.

PLEASE READ CAREFULLY:

There may be mild irritation at the point of contact with skin.

Skin should be washed thoroughly and medical attention sought if ill effects or irritation continues.

In case of contact with eyes, there may be irritation and redness. Bathe the eye with clean running water for 15 minutes and seek immediate hospital attention for a specialist examination.

In case of ingestion there may be soreness and redness of the mouth and throat, **do not induce vomiting!**

- Drink milk & seek medical advice. Inhalation may cause coughing or wheezing.
- Remove casualty from exposure ensuring your own safety whilst doing so.
- Seek medical advice if symptoms develop.
- Wear protective clothing to prevent contact with skin and eyes.

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