

Spa Perfect

How to keep your spa water in great condition

**Guide Provided by
PoolChemicalsonline.co.uk**



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About this guide

Spas provide a perfect environment in which to relax, unwind and spend quality time with a partner or friends - a place where everyday stresses can be left behind.

This guide is designed to take the guesswork out of maintaining the spa water, helping you to create safe and comfortable bathing conditions.

Simple to follow and easy to understand, Spa Perfect describes the main water treatments you need to carry out, and lists the products that we believe will achieve the best results.

Spa Perfect is provided for you by 'PoolChemicalsonline', the largest online Pool & Spa store in the UK.



Setting up

- Balance the spa water (see below) or take a sample to your dealer and seek advice
- Adjust pH levels (see below)
- Oxidise your spa (see page 8)
- Obtain a recommended sanitiser level of Chlorine/Bromine prior to bathing (see page 8)

Water balance

Water must be balanced to create the right conditions for bathing, chemical efficiency and equipment protection.

This means controlling the Total Alkalinity (ideal level 80–150 ppm) and Calcium Hardness (ideal level 100–200 ppm). Check these levels monthly and adjust using Pro-Swim Total Alkalinity Increaser or Reducer and Pro-Swim Calcium Hardness Increaser.

pH control

Regular pH checks using the test strips are an essential part of spa maintenance. The ideal pH level is between 7.4–7.6 which is slightly alkaline to protect the spa and prevent equipment corrosion. This pH range also provides the most comfortable conditions for bathers and most suitable conditions for sanitiser efficiency. Adjust pH levels using either Pro-Swim Dry Acid (pH -) or Pro-Swim Alkali (pH +).

How to use pH products

Product	Pack size	Target level	When to dose	Doseage
Pro-Swim Dry Acid (pH -)	1.5 kg	pH of 7.2–7.6	Dosing depends on test results	Add 50grms per 4.5m ³ (1000 gallons)
Pro-Swim Alkali (pH +)	1 kg	pH of 7.2–7.6	Dosing depends on test results	Add 50grms per 4.5m ³ (1000 gallons)



Spa care at a glance

	Check Daily	Check Weekly
Sanitiser	✓	
Waterline cleaning	✓	
pH	✓	
Shock dosing (oxidation)		✓
Water balance		
Foam control		✓
Water clarity		✓
Scale prevention		✓
Cartridge filter cleaning		
Drain and refill		

What products to use

Daily Check sanitiser level and adjust with Pro-Chlor Granules or Pro-Swim Bromine Tablets. Check pH level and adjust with Pro-Swim Dry Acid (pH-) or Pro-Swim Alkali (pH+). Clean waterline with Pro-Swim Surface Cleaner.

Weekly Shock dose (oxidise) the spa with Pro-Swim Oxyshock. Add Sparkle Water Clarifier to obtain clear sparkling water. Add Pro-Swim Foam Down to control foaming.

In areas of high Calcium Hardness levels, add Pro-Swim Spa Defender (anti-scale) to prevent scale deposits.



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Check Monthly

Periodically

✓	
✓	
	✓

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Monthly Clean filter cartridge using Cartridge Cleaner. Take water sample and check water balance.

Periodically Due to the build-up of Total Dissolved Solids (TDS), the spa will need completely draining and refilling. Use the following guide to estimate when this needs to be carried out:

Divide the volume of water (in litres) by the average number of daily bathers and divide by 12. This will give you the number of days between draining and refilling each time. e.g. 2000 litres (volume) ÷ 4 (no. of daily bathers) ÷ 12 = 42 days



Sanitising

The sanitising of spa water is necessary to kill bacteria and help in the prevention of algae growth to ensure safe bathing. The levels should be checked daily using test strips which come in two forms - chlorine and bromine.

The ideal level for chlorine pools is 2–5 ppm. Add Pro-Chlor Chlorine Granules at the rate of 17 grms per 9m³ (2,000 gallons) to raise chlorine level by 1 ppm.

The ideal level for bromine pools is 3–5 ppm. Add Pro-Swim Bromine Tablets using a feeder device. Please refer to manufacturer's manual for operational details. Dose the required number of tablets into the feeder and resume circulation. The bromine level can be raised or lowered by changing the flow rate through the feeder.

Oxidation

Shock dose (oxidise) your spa weekly using Pro-Swim Oxys shock (non-chlorine shock). Add 50 grms for every 2m³ (450 gallons) directly to the spa with the filtration and booster pump running. It destroys odours and wastes such as perspiration, cosmetics and body oils, restoring sparkle and ensuring bather comfort.

Ozone treatment

Some spas are fitted with small ozone generators. Ozone is a powerful oxidising agent and extremely effective at killing bacteria. Ozone only acts as the water passes through the ozone generator. There is NO ozone in the spa water. Chlorine must be added to prevent cross infection as well as killing any bacteria which may be inside the pipework. The ozone unit will reduce the consumption.

Foam control

The rapid circulation and aeration of spa water can cause unsightly foam to appear on the water surface, especially when oils and lotions are in the water.

Use Pro-Swim Foam Down to both prevent and control excess foaming. Add a capful directly to the foam as required.



Water clarity

Discolouration or cloudiness of the water is often caused by minute particles suspended in the spa water which are often too small for the filtration system to remove. Soaps, cosmetics, body oils and grease often cause dull cloudy water. Spa users should shower before getting into the spa to minimise these problems.

Use Pro-Swim Spa Bright and Clear (water clarifier) weekly to assist in the removal of suspended matter via the filtration system.

Cleaning your spa

An unattractive 'tide mark' can occur at waterline. Such deposits are easily removed using Pro-Swim Surface Cleaner.

Cartridge filter cleaning

When the filter cleaner is dirty, the circulation in the spa may be reduced and water cleanliness will be affected. The filter should be cleaned using Pro-Swim Cartridge Cleaner, following the product instructions.

Speciality products

Prevention of scale formation

In hard water areas, use Spa Defender to prevent scale formation in your spa and equipment. Add 30ml per 450 gallons directly into the spa with the filtration and pump running.

Note: Do NOT use Spa Defender on the same days as Pro-Swim Spa Bright and Clear.

Leak prevention

Use Pro-Swim Spa Leak Seal to seal minor leaks.

Spa fragrances

Use Inspiration spa fragrances to add a touch of luxury and leave skin soft and moisturised. Available in mixed fragrance bottles or as pillows in a gift pack.

Testing

To keep your spa water in peak condition and to protect bathers, check your spa water regularly using Aquacheck or Palintest Test Strips. Both products are available in Chlorine/pH/Alkalinity and Bromine/pH/Alkalinity versions.



Safety

Using the spa safely

- Never allow the water temperature to exceed 40°C
- Do not drink alcoholic beverages before or during use of the spa
- Before children use the spa, ensure that the water temperature does not exceed 32°C
- Do not allow children to use the spa without supervision
- If you are pregnant, have high blood pressure, any cardiovascular condition or are on medication, consult your doctor before using the spa
- Always keep the spa sanitised

Handling chemicals safely

- Keep all chemical containers sealed and out of reach of children
- Read and follow all label directions
- NEVER mix chemicals before adding to the spa
- Accurately measure chemicals
- Always add chemicals into the water, never the reverse
- Store chemicals in a cool, dry place
- Never store chemicals in direct sunlight
- Always handle chemicals with care
- NEVER add chemicals to the spa while in use

Further information Contact us -

Telephone: 0870 163 2288

Email : enquiries@poolchemicalsonline.co.uk

Website : www.poolchemicalsonline.co.uk

We are confident that this guide will enable you to keep your pool water in peak condition all year round. However, we are obliged to stress that the information contained, while true and accurate to the best of our knowledge, is supplied solely for guidance and is not to be construed as constituting or acknowledging any form of warranty or liability expressed or implied. If you are unsure about any aspect of pool care, please consult your local pool retailer.



Troubleshooting

It is not always possible to keep your spa in peak condition all of the time. If something does go wrong, the following troubleshooting table should help you fix it. The table lists the most common spa problems and how to treat them.

Problem	Possible Cause	Solution
Eye and/or skin irritation	A high level of organic pollution	Shock dose with Pro-Swim Oxyshock non-chlorine shock
	A pH outside the acceptable range	pH under 7.2 raise with Pro-Swim Alkali (pH +)
Foaming	Build-up of contaminants - body oils or cosmetics. Only if foaming persists, drain and refill spa	Add Pro-Swim Foam Down
Smells	Build-up of organic pollution	Shock dose with Pro-Swim Oxyshock non-chlorine shock. Check pH and adjust to 7.2 to 7.8
Cloudy water	Low sanitiser level	Test regularly and maintain sanitiser level between 3 - 5 mg/l using Pro-Swim Bromine Tablets and between 2 - 5 mg/l using Pro-Chlor Granules
	Ineffective filtration	Backwash sand filter. Check cartridge filter – either clean using Pro-Swim Cartridge Cleaner or replace filter.
	High pH value	Adjust pH to between 7.2 and 7.8 with Pro-Swim Dry Acid (pH -)
	Build-up of dissolved solids	Drain and refill with fresh water periodically
	Particulate matter (fine particles)	Add Pro-Swim Spa Bright and Clear
Scale formation	Water out of balance with high calcium, pH or alkalinity	Adjust pH and treat with Pro-Swim Spa Defender

