



# The Complete Hot Tub Care Guide



[www.aquasparkle.co](http://www.aquasparkle.co)

# Introduction

Your hot tub provides you with your own personal haven of relaxation and therapy; it's a refuge away from the stresses and strains of everyday life and a place where you can spend quality time with loved ones.

To keep the water healthy and inviting it is important that you treat it regularly with chemicals that will keep the water balanced, kill and prevent bacteria growth and remove non-filterable wastes. This guide focuses on hot tub maintenance and water treatment using chlorine or bromine sanitisers, highlighting the importance of correct chemical levels.

At the back of the guide, there is a safety section that should be read thoroughly before using/treating your hot tub. Always follow the instructions on chemical containers before application.

Thank you for choosing AquaSPARKle.

## Contents

Introduction	1
The important aspects of hot tub maintenance	2
Circulation and filtration	2
Test your hot tub water	3
Balancing	4 - 5
Sanitising	6 - 7
AquaSPARKle O <sub>2</sub> Gentle	8
Oxidising	9
Cleaning / Draining & refilling	10
Speciality treatments for problem solving	11
Revival crystals scents	12
Safety / Problem solving chart	13
Warning & danger hazards	14

### Did you know?

AquaSPARKle labels now include QR codes linking to how-to videos for safe and effective chemical use.



Product user icons are on the bottles to help with usage, but contact your AquaSPARKle dealer if you are unsure.



**CL TARGET**  
POOLS 1-3 mg/l  
HOT TUBS 3-5 mg/l



**PLACE IN  
SKIMMER BASKET**



**PRE-DISSOLVE -  
ADD PRODUCT TO  
WATER**



**DOSE DIRECTLY  
TO WATER**

# The important aspects of hot tub maintenance:

- Circulation & Filtration
- Testing
- Water Balance
- Sanitising
- Oxidising
- Cleaning
- Draining & Refilling

Before covering each of the above, we will look at what you need to do when you have filled your hot tub for the very first time.

## Circulation & Filtration

All hot tubs have at least one pump and a filtration system. It is the pump that creates the circulation of water and built into the circulation will be the filter. As the water flows through the filter, particles are collected within the filter media. The combination of removal of particles by the filter and good chemical water treatment is essential to keep your hot tub water clean and healthy.

Please follow the instructions within the operating manual to work out the ideal circulation running times for your make and model. It is likely that the circulation will be taken care of automatically by the hot tubs management systems.

Most hot tubs come with a cartridge filter. The cartridge element removes small particles from the water and collects oil and grease. Over time the collection and retention of debris will begin to impair filter efficiency and reduce the water flow through the circulation system.

It is crucial to chemically clean cartridge elements every 4 – 6 weeks using either AquaSPARKle Immerse or Cartridge Cleaner. Or for a rapid intermediate clean use AquaSPARKle Instant Filter Cleaner. See page 10 for further information.

## Initial Fill with Fresh Water

Many hot tubs are imported into the UK and most of them are wet tested at the factory. This process can leave residual water in the pipework that can carry harmful bacteria, including Legionella, so it is important that the hot tub is dosed with a high level of chlorine shock as soon as it is first filled and before the electric supply is switched on. The level of chlorine dosed should achieve a level of 50mg/l and circulate for a minimum of 1 hour – see table below.

Water volumes		Stabilised Chlorine Granules to introduce a level of	Rapid Shock** to introduce a level of
Litres	Gallons	50mg/l*	50mg/l*
500	110	45g	37g
1,000	220	90g	72g
1,500	330	137g	110g

\* ppm = mg/l \*\* Our suggested option

Once you have added chlorine shock to the water, leave it for 10 minutes, then switch the electric supply on and run all pumps for 15-20 minutes and open all the air control valves. If your hot tub is fitted with them, operate all diverter valves to ensure that the water flows through all jets and pipework. Finally, if your hot tub has an air blower fitted, switch it on and let it run for a few minutes.

Please note that the above also applies if you drain the hot tub and leave it empty for a period.

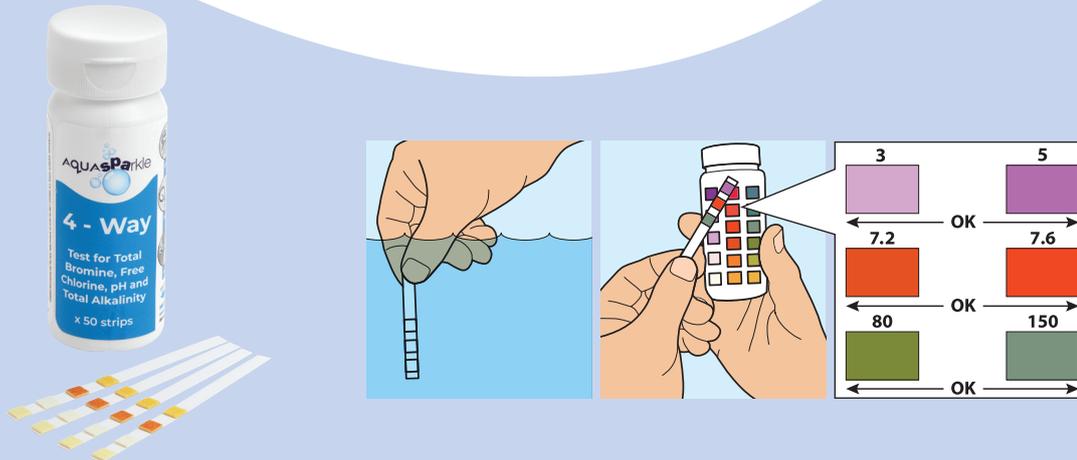
# Testing your hot tub water

Testing your hot tub water is an essential part of routine maintenance, without testing you have no idea what the sanitiser, pH, total alkalinity and calcium hardness levels are. It is important that you test your hot tub water regularly, ideally every day.

## AquaSParkle 4-Way Test Strips

**(chlorine, bromine, pH & total alkalinity)**

Test strips are not as accurate as using a test kit, but they are very quick and easy to use. Simply take a test strip from the pot, dip it into the hot tub water, hold level (don't shake off any excess water), wait for the prescribed length of time and then compare the colour of the pads with the colours printed on the pot.



For more comprehensive water testing, including total dissolved solids and metals, take a water sample to your AquaSParkle dealer who will be able to help.

# Balancing

Establishing and maintaining the correct water balance is important for a number of reasons:

- Chemical efficiency
- Bather comfort
- Protection of the hot tub and equipment
- Water quality and appearance
- Easier to maintain

Some believe that keeping the right pH is all you need to achieve the correct water balance, this isn't the case and while pH is important there are other factors that need to be considered. In the table below we have shown the properties of water balance and the ideal levels that should be maintained.

Calcium Hardness	Total Alkalinity	pH	Total Dissolved Solids
100 - 200mg/l	80 - 150mg/l	7.2 - 7.6	Less than 1500mg/l

## Calcium Hardness (CH)

Calcium hardness is the measure of how hard or soft the water is. The level will vary depending on where your water supply comes from, in some areas of the UK water is very soft and in others the water can be very hard. The hardness depends upon the number of mineral salts (mainly calcium) that are dissolved in the water, the more salts there are the harder the water is.

Problems Associated with incorrect Calcium Hardness Levels	
Low calcium Hardness less than 100mg/l	High calcium Hardness more than 200mg/l
<ul style="list-style-type: none"> <li>• Corrosive water</li> <li>• Etching of surfaces</li> <li>• Staining</li> <li>• Foam</li> </ul>	<ul style="list-style-type: none"> <li>• Scale formation</li> <li>• Filter calcification</li> <li>• Cloudy water</li> </ul>



If the calcium hardness level is below 100mg/l then it should be increased using AquaSParkle Hardness Plus. Dose rates can be found in the table below.

### AquaSParkle Hardness Plus Dose Rate

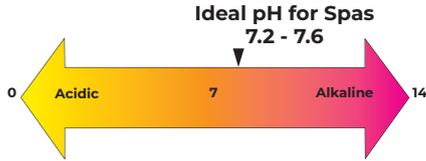
Water volumes		To increase Calcium Hardness by		
Litres	Gallons	10mg/l	25mg/l	50mg/l
500	110	7g	19g	38g
1,000	220	15g	38g	76g
1,500	330	23g	57g	114g

If the calcium hardness levels are higher than 200mg/l then the use of AquaSParkle ScaleAway should prevent scale build-up on surfaces and in pipework.

# Balancing

## pH

pH is a measure of how acidic or how alkaline the water is.



As you can see the pH scale is 0 to 14, with 0 being very acidic, 14 very alkaline, and neutral being 7. The pH should be maintained between 7.2 and 7.6, this being slightly alkaline protects the hot tub and its equipment from aggressive, corrosive water and is comfortable for bathers.

If the pH of your water is either low or high, it should be corrected using AquaSParkle pH Plus or pH Minus. The dose rates are indicated below:

### AquaSParkle pH Plus Dose Rate (to increase pH)

Litres	Gallons	Dose Rate	
500	110	5g	Re-check pH after
1,000	220	11g	30 minutes & repeat
1,500	330	17g	dose if needed

### AquaSParkle pH Minus Dose Rate (to lower pH)

Litres	Gallons	Dose Rate	
500	110	5g	Re-check pH after
1,000	220	11g	30 minutes & repeat
1,500	330	17g	dose if needed

Problems Associated with incorrect pH Levels	
pH below 7.2	pH above 7.6
<ul style="list-style-type: none"> <li>• Corrosive water</li> <li>• Etching of surfaces</li> <li>• Staining</li> <li>• Skin &amp; eye irritation</li> <li>• Damage to spa equipment</li> </ul>	<ul style="list-style-type: none"> <li>• Scale formation</li> <li>• Filter calcification</li> <li>• Cloudy water</li> <li>• Drying to skin</li> <li>• Reduced effectiveness of chlorine</li> </ul>

## Total Alkalinity (TA)

Total alkalinity is a measurement of the waters ability to resist pH change. If the total alkalinity is low, then the pH can fluctuate making it hard to control and maintain. If the total alkalinity is high, then the pH will be hard to change and will keep rising. High total alkalinity can lead to bicarbonate scale formation on surfaces and within pipework.

If the total alkalinity level is below 80mg/l it should be increased using AquaSParkle T.A. Plus – See table below:

### AquaSParkle TA Plus Dose Rates

Water volumes		To increase Total Alkalinity by		
Litres	Gallons	10mg/l	25mg/l	50mg/l
500	110	9g	22g	45g
1,000	220	18g	45g	90g
1,500	330	27g	68g	135g

If the total alkalinity level is above 150mg/l then AquaSParkle pH Minus can be used to lower it. When applying pH Minus to lower total alkalinity levels, the product should be pre-dissolved and then dumped into one area of the hot tub. The dose rates are indicated below:

### AquaSParkle pH Minus Dose Rate (for total alkalinity reduction)

Water volumes		To reduce Total Alkalinity by		
Litres	Gallons	10mg/l	25mg/l	50mg/l
500	110	12g	30g	60g
1,000	220	24g	60g	120g
1,500	330	36g	90g	180g

## Total Dissolved Solids (T.D.S)

T.D.S is, the sum of everything that is dissolved in the water including minerals, chemicals and debris. The maximum recommended T.D.S level is 1,500mg/l. When the level rises above this it is time to empty and refill the hot tub. High T.D.S. levels can cause poor chemical efficiency and increase consumption together with dull looking water that may taste salty.

# Sanitising

The reason that sanitisers are used is to ensure that the water is safe and healthy by preventing and killing bacteria. This is achieved by consistently maintaining a level of sanitiser (disinfectant) in the water using either chlorine or bromine.

## Chlorine

Chlorine is the most common product used to maintain bacteriological and chemical purity in hot tubs, needing to be in 'free' form to effectively kill bacteria and oxidise organic waste. Optimal chlorine levels should be maintained between 3.0 to 5.0 mg/l for clean water, with chloramines below 0.5 mg/l to avoid odours.

Combined chlorine is created by a reaction between free chlorine and organic matter and is mostly produced when the water is not being treated properly. This can cause an excessive 'chlorine' odour.

AquaSPArkle offers a variety of products to help manage sanitiser levels according to different needs and budgets.

## AquaSPArkle Stabilised Chlorine Granules

A traditional granular product that is still popular with many hot tub owners. These granules are rapid dissolving making application easy and they have a near neutral pH value, so will have little effect on the overall pH of your hot tub water.

### AquaSPArkle Stabilised Chlorine Granules Dose Rates

Water volumes		Stabilised Chlorine Granules to increase level by		
Litres	Gallons	1mg/l	2mg/l	3mg/l
500	110	1g	2g	3g
1,000	220	2g	4g	6g
1,500	330	3g	6g	9g



## AquaSPArkle Multifunctional Chlorine Tablets 20g

Multifunctional Chlorine Tablets should be dosed via a floating dispenser. When set up correctly, the dispenser will slowly release chlorine into the water to help maintain sanitiser levels. You will need to top up the dispenser with new tablets typically every 3-5 days. When using a floating dispenser remember to remove it from the hot tub while you are bathing, be careful not to leave it on a damageable surface.

Note: Chlorine Tablets are slow dissolving and designed to maintain chlorine levels. Before using them, you should first establish a 'free' chlorine level between 3.0-5.0mg/l.

# Sanitising

## Bromine

Bromine is similar to chlorine but there are some important differences:

- Bromine tablets should be dosed via a floating dispenser.
- Bromine retains better levels of efficiency over a wider pH band than chlorine, see chart opposite.

Chlorine becomes less effective when pH levels are high. It is important to keep pH levels between 7.0-7.6 to ensure sanitiser efficiency.

Bromine is not as sensitive to pH like Chlorine is but it does become slightly less effective as pH levels rise.

## AquaSParkle Bromine Granules

Bromine Granules are a highly effective sanitiser used to kill and prevent bacteria and algae growth in hot tubs. Being a granular product it is easy to vary the dose rate, and they are near neutral pH so won't upset your water balance.

### AquaSParkle Bromine Granules Dose Rate

Water volumes		Bromine Granules to increase level by		
Litres	Gallons	1mg/l	3mg/l	5mg/l
500	110	1g	4g	6g
1,000	220	3g	9g	13g
1,500	330	4g	13g	19g



### Percentage efficiency of Bromine and Chlorine against pH level

pH	Chlorine	Bromine
7.0	76%	95%+
7.2	63% available	95% available
7.6	39% available	87% available

## Aquasparkle Bromine Pod

Bromine Pods provide continuous in-line sanitation by producing active bromine to kill bacteria. The in-line Bromine Pod delivers enough bromine directly into your hot tub water without the need to handle chemicals and fits a wide range of filters. They are easy to use with variable output settings and are compatible with most existing in-line dosing systems and cartridge filters.



## Aquasparkle Bromine Tablets

Bromine Tablets should be dosed via a floating dispenser. When set up correctly, the dispenser will slowly release bromine into the water to help maintain sanitiser levels. You will need to top up the dispenser with new tablets typically every 3-5 days. When using a floating dispenser remember to remove it from the hot tub while you are bathing, be careful not to leave it on a vulnerable surface.

**Note:** Bromine Tablets are slow dissolving and designed to maintain bromine levels. Before using them, you should first establish a bromine level between 3.0-5.0mg/l.



# AquaSParkle O<sub>2</sub> Gentle

The O<sub>2</sub> Gentle system provides a complete water treatment regime to help keep your hot tub water in top condition. This gentle and soft active oxygen treatment offers a chlorine and bromine free solution to effective sanitisation. The fast-dissolving formula provides luxurious water quality with low chemical odours and is gentler to skin and hair than traditional sanitisers.

The 2-part system of O<sub>2</sub> Gentle Granules & Liquid is simple to use; apply O<sub>2</sub> Gentle Liquid once a week and O<sub>2</sub> Gentle Granules prior to bathing, following the 3 easy steps opposite. The O<sub>2</sub> Gentle system is also available as a comprehensive starter kit.



**Kit contains:** 1kg O<sub>2</sub> Gentle Granules, 0.5ltr O<sub>2</sub> Gentle Liquid, 500g pH Plus, 1 x Spa Fusion, 3 Way Aquablanc Test Strips, 10ml Scoop, 50ml Measuring Cup and an easy to follow guide.

## THREE EASY STEPS FOR PERFECT CHLORINE FREE SPA WATER

# 1

### STEP 1 – INITIAL DOSE

**AquaSParkle O<sub>2</sub> Gentle Initial Dose:** Once you have commissioned your hot tub, apply an initial dose of O<sub>2</sub> Gentle Liquid and Granules to your hot tub. Allow 5 minutes for the O<sub>2</sub> Gentle products to circulate before using your spa.

# 2

### STEP 2 – ONGOING

**Prior to spa use:** Prior to using your spa, add 15g (approx. 1 blue scoop) of O<sub>2</sub> Gentle Granules per 1,000 litres of spa water directly into the spa with the pump(s) running. Allow 5 minutes for the granules to dissolve before using your spa.

# 3

### STEP 3 – WEEKLY

**AquaSParkle O<sub>2</sub> Gentle** is a dual-action system requiring a weekly top-up dose of AquaSParkle O<sub>2</sub> Gentle Liquid. Add the required amount of O<sub>2</sub> Gentle Liquid directly into the spa with the pump(s) running. Allow 5 minutes for the liquid to circulate before using your spa.

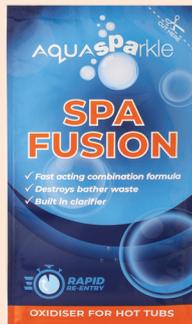


# Oxidising

Regularly oxidising (shock dosing) your hot tub water, ideally weekly, will significantly reduce water problems. Bather wastes such as perspiration, urine and cosmetics can build up in the water providing nutrients for bacteria and algae. A weekly oxidising treatment or shock dose will destroy these wastes and help maintain clean bathing conditions.

## AquaSParkle Spa Fusion

The best product for regular oxidation, Spa Fusion is a mixture of chlorine and non-chlorine shock, with an added clarifier. The chlorine and non-chlorine blend fuses to create a powerful oxidiser that destroys bather wastes without boosting chlorine levels. This allows for rapid re-entry into the hot tub, and the clarifier provides an extra water sparkle. Supplied in pre-measured sachets, simply cut the corner with scissors and broadcast the contents over the water surface. One 35g sachet treats up to 1,500 litres.



## AquaSParkle Non Chlorine Shock

A chlorine-free product that is ideal for the regular oxidation of hot tub water. It destroys organic waste and chloramines without increasing the chlorine level. These granules can be used in hot tubs running on chlorine or bromine.



### AquaSParkle Non Chlorine Shock Dose Rate

Litres	Gallons	Weekly dose
500	110	5g
1,000	220	11g
1,500	330	17g

## AquaSParkle Rapid Shock

A fast dissolving un-stabilised chlorine granule used for the oxidation of water, which will eliminate bather wastes and contaminants. Supplied with a 10ml measuring scoop.



### AquaSParkle Rapid Shock Dose Rates

Water volumes		To increase chlorine level by		
Litres	Gallons	5mg/l (ppm)	10mg/l (ppm)	20mg/l (ppm)
500	110	3g	7g	15g
1,000	220	7g	15g	29g
1,500	330	11g	22g	44g

## Cleaning

Floating debris such as suntan lotion, cosmetics, grass and insects will collect on the water surface providing a source of food for bacteria and algae. A weekly clean around the waterline using AquaSPARKle Surface Cleaner will easily remove unsightly waterline deposits.

### AquaSPARKle Surface Cleaner

Specially formulated for use in hot tubs, this cleaner is easy to apply. Before using Surface Cleaner, ensure the area to be cleaned is wet. Pour some on to a brush, sponge or cloth and gently apply it to the waterline, leave for a couple of minutes and then rinse area with plenty of water. Rubber gloves must be worn when using this product. After draining and before refilling the hot tub, Surface Cleaner should be used to clean the hot tub shell.

### AquaSPARKle Instant Filter Cleaner

Use AquaSPARKle Instant Filter Cleaner as part of your filter cleaning routine. Instant Filter cleaner rapidly removes grease and oil filter from cartridges and should be used fortnightly or more frequently if your hot tub is heavily used. Remove the filter(s) and hose down to remove loose debris. Thoroughly spray filter(s) with Instant Filter Cleaner ensuring you get in between the pleats. Leave to stand for 15 minutes then hose down thoroughly with fresh water. Always wear gloves and apply with caution on windy days.

### AquaSPARKle Immerse

Convenient 2 x 50g sachets designed to remove grease and oils from filter cartridges. Add Immerse into a clean plastic bucket of water and stir well. Hose the filter to remove any loose debris and then soak it in the cleaning solution for at least 8 hours. After soaking the cartridge rinse it thoroughly with fresh water and allow it to dry before returning it to use. AquaSPARKle Immerse sachets are ideal for deep cleaning filter cartridges.

### AquaSPARKle Cartridge Cleaner

This highly effective traditional cartridge cleaner is ideal for deep cleaning filter cartridges and is used in a similar way to Immerse (see opposite or product label for full details). This product can also be used to clean sand filters.

### AquaSPARKle Hot Tub Conditioner

A 120ml single treatment sachet containing a blend of compounds that enhances the quality and feel of the water, reduces chemical consumption and prevents bacteria build-up in the pipework. Further enhanced with lavender oil.

### AquaSPARKle Hot Tub Flush

Hot Tub Flush has been especially formulated to remove soap, oil and scum build-up within hot tub plumbing. This product should be used just before you drain the hot tub. Dose directly into the skimmer basket with the pumps running.

## Draining & refilling

Over time the hot tub water can become 'stale' as it absorbs minerals, chemicals and other soluble materials that cause the total dissolved solids level (T.D.S.) to increase, see page 5. When the T.D.S. level reaches 1,500mg/l it is time to drain the hot tub and refill it with fresh water. As a guide, hot tubs usually need draining and refilling every 2 – 3 months.

While the hot tub is empty, it is good practice to clean all the internal surfaces and chemically clean the filters. Remember, if the hot tub is going to be left empty for a period of time, it should be shock dosed when refilled, and before being switched back on, see page 2.

Enjoy your hot tub.

## Speciality Treatments for Problem Solving

In addition to the topics already covered, there are a couple of other specialised products that may be needed from time to time to prevent other common problems.

### Cloudy Water

Hot tub water can become cloudy for a number of reasons:

- Low sanitiser levels
- Incorrect water balance
- A build-up of bather wastes
- Poor or insufficient filtration

AquaSParkle Spa Sparkle will quickly restore water clarity, but first you should ensure that:

1. The water is correctly balanced – see page 4
2. The circulation and filtration system are operating correctly, and the filter is clean.
3. The sanitiser level is being maintained within the ideal range – see page 6

Once these conditions are met, AquaSParkle Spa Sparkle can help speed up the clarifying process.

### AquaSParkle Spa Sparkle

An all-natural, eco-friendly liquid clarifier that can be used with all types of filtration systems. Spa Sparkle is added directly to the water with the pump running. Once applied it collects and binds small particles together for easier removal by the filter. Regular small doses of this product is all you need to keep the water crystal clear.

#### AquaSParkle Spa Sparkle Dose Rates

Water volumes		Dose rates	
Litres	Gallons	Initial Dose	Weekly
500	110	25ml	12ml
1,000	220	50ml	25ml
1,500	330	75ml	38ml



## Dealing With Foam

Foam on the water surface is another common problem. This is usually caused by detergents in swimsuits after they have been washed. It is good practice to encourage bathers to shower in their costumes before getting in the hot tub. This not only helps to remove detergents but will remove cosmetics and lotions from the body. If foam does appear on the water surface it can easily be destroyed by using AquaSParkle FoamAway.

### AquaSParkle FoamAway

Used to prevent and destroy unsightly foam on the water surface, this fast-acting formula quickly breaks the foam down. It comes in a liquid form that can be added directly to the hot tub water. Also available with a trigger spray for targeted foam removal, AquaSParkle Instant FoamAway.

#### AquaSParkle FoamAway Dose Rates

Litres	Gallons	Dose rates
500	110	25ml
1,000	220	50ml
1,500	330	75ml



### AquaSParkle ScaleAway

A liquid that helps to prevent scale deposits caused by mineral precipitation which can build up rapidly due to high water temperatures. Dose weekly to prevent scale deposits within the filter, heater, pipework and on surfaces. This product is particularly helpful if you are in a hard water area.

#### AquaSParkle ScaleAway Dose Rates

Water volumes		Dose rates	
Litres	Gallons	Initial Dose	Weekly
500	110	13ml	7ml
1,000	220	25ml	15ml
1,500	330	38ml	23ml



# Revival

Revival is a range of beautifully coloured aromatherapy crystals carefully crafted for hot tubs and whirlpool baths. Made using locally sourced ingredients and fine grade crystals for a comfortable bathing experience. The Revival Aromatherapy Crystals are non-foaming and fully soluble meaning they don't leave any residue behind or cause water imbalance. Available in 250g or 500g pots.

The Revival range consists of 12 hand-picked scents:

- **Kool Kiwi**
- **Lavender**
- **Very Berry**
- **Citrus Burst**
- **Candy Floss**
- **Candy Cane**
- **Blue Illusion**
- **Mellow Mood**
- **Spring Breeze**
- **Sweet Cranberry**
- **Calming Coconut**
- **Absolute Almond**

**Relax • Refresh • Revive**

Enhance your bathing experience with

# Revival

## Aromatherapy Crystals



# Safety

## General Safety

- Do not overload the hot tub
- Never allow glass objects in the hot tub
- Don't allow horseplay in or around the hot tub
- Never allow diving or jumping into the hot tub
- Never leave children in the hot tub unattended
- Always remove cover completely before using the hot tub
- Do not drink alcoholic beverages before or during hot tub use
- Do not allow water temperatures to exceed 40°C (lower for children)
- Never use inappropriate electrical equipment in or close to the hot tub

## General Chemical Safety

- Never mix neat chemicals
- Always store chemicals in a cool, dry place
- Always wash hands after handling chemicals
- Always put the lids back on chemical containers
- Always keep chemicals out of the reach of children
- Always read the instruction label on chemical products
- Never use chemicals that don't have an instruction label
- When pre-dissolving products always use a clean container
- Never dose chemicals while there are bathers in the hot tub
- Always adhere to the instructions printed on the product label
- Always handle chemicals in a well-ventilated area, ideally outdoors

# Problem solving chart

Symptom	Possible Cause	Remedy
Poor chemical efficiency/ Increased chemical consumption	High TDS	Consider if time to drain/refill
Too much chlorine	Overdose	Allow time to naturally dissipate or buy a chlorine reducer
pH hard to control	Alkalinity low	Seek advice on how to raise total alkalinity
Cannot maintain chlorine levels	Chlorine demand of water too high at start up, after holidays or due to excess contamination or neglect	Shock dose with double dose of chlorine Repeat after 24 hours if necessary
Foaming water	Oils/detergents present	Use AquaSParkle FoamAway
Cloudy water	Poor chemical controls or Inadequate filtration	Clean cartridges or consider if time to drain and refill. Retest water and add chemicals, if necessary
Rough Spa sides/edges	Scale formation	Ensure pH levels are correct and if scale persists use AquaSParkle ScaleAway to stop calcium precipitating out of water
No colour change on test strip dip test	Too high chlorine leading to bleaching of indicator pads (over 15ppm chlorine)	Check expiry date on test strips. Wait for chlorine level to drop and re-test
Test results vary	Air bubbles can increase pH temporarily and reduce alkalinity	Test when system turned 'off' for true results
Waterline grease contamination	Detergents/oils/greases present	Use AquaSParkle Surface cleaner to eliminate contamination

# Warning & Danger Hazards



## AquaSParkle Balancers

Hardness Plus	✓				
pH Plus	✓				
pH Minus		✓			

## AquaSParkle Sanitisers

Stabilised Chlorine Granules	✓		✓		
Multifunctional Chlorine Tablets	✓	✓	✓	✓	
Bromine Granules	✓		✓	✓	✓
Bromine Tablets	✓	✓	✓	✓	
Bromine Pod	✓	✓	✓	✓	

## AquaSParkle O<sub>2</sub> Gentle

O <sub>2</sub> Gentle Granules	✓	✓			✓
O <sub>2</sub> Gentle Liquid			✓		

## AquaSParkle Oxidisers

Fusion Aqua Sachet	✓		✓		✓
Non Chlorine Shock	✓	✓			✓
Rapid Shock	✓	✓	✓	✓	

## AquaSParkle Specialities

Surface Cleaner	✓				
Immerse Aqua Sachet	✓	✓	✓		
Cartridge Cleaner		✓			
ScaleAway		✓			
Hot Tub Flush	✓				
Instant Filter Cleaner	✓				



### **Technical Support**

This guide is quite comprehensive but if you require further technical support, please contact your AquaSPARKle Supplier or use the Technical Helpline number opposite.

Your AquaSPARKle Supplier:



**[www.aquasparkle.co](http://www.aquasparkle.co)**

### **Complete Pool Controls Ltd**

Unit 2, The Park, Stoke Orchard,  
Bishops Cleeve, Gloucestershire.  
GL52 7RS

**Technical Helpline: 0371 2229084**