

*Brilliance*  
for spas

# Spa Care Guide



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# About Brilliance® For Spas

## The Brilliance of Simplicity

There's nothing like finding the time to relax in your spa and get away from the rest of the world. And now, you can use that renewed energy to take on the world, instead of your spa.

Introducing **Brilliance® for spas** products — the bromine spa care system! Unlike other bromine-based spa care systems, our premium **Brilliance® for spas bromine** system is completely chlorine-free.

Clear water and no hassle in just three simple steps. **Brilliance® for spas** system lets you care for your spa easily so you can spend more time relaxing in it.

## Gentle on You and Your Spa

Our premium **Brilliance® for spas** system is pH-friendly and won't upset the delicate balance of your spa's water chemistry. Adapting your spa to chlorine-free **Brilliance® for spas** system takes only minutes.

Discover the **Brilliance® for spas** system today and find out just how smart spa care can be.

## Systems

The **Brilliance® for spas** system is simple to use. This step-by-step Care Guide has all the information you will need, from start-up to maintenance. Generally, caring for your spa with **Brilliance® for spas** system is a simple 3-step, 3-product system:

1. Add **Brilliance® for spas Metal & Scale Control with Soy Protein**.
2. Add **Brilliance® for spas Oxidizer with Mineral Salts**.
3. Add **Brilliance® for spas Sanitizer**. Test weekly and top up if necessary.

## Just One Call

We hope you'll find this guide as easy to use as the **Brilliance® for spas** products themselves. If you do need additional help maintaining your spa, however, please contact your Authorized **Brilliance® for spas** Dealer. They are experienced professionals who are trained to help you get the most out of your spa.

**NOTE:** The **Brilliance® for spas** brand also offers alternative spa sanitizing systems using chlorinating granules, brominating granules or traditional bromo tabs. See page 8 for more information.

# Water Balance

## A Balanced Composition

No matter which sanitizing system you choose, keeping the water balanced is essential to your enjoyment of the spa. Water is balanced when pH, total alkalinity and hardness are all within the proper range. Problems arise when any of these factors are too high or low. Unbalanced water can become corrosive or cause the formation of scale deposits. Corrosive water also attacks the integrity of metal components, pitting, etching and staining them. Scale formation causes decreased heater efficiency, cloudy water, surface staining or short filter cycling. Any of these conditions can cause problems for the spa, and irritations, especially of the eyes and skin.

## pH

Of all the factors covered in this section, pH has the greatest effect on water balance. The pH of water is a measure of how acidic or basic it is. The ideal pH for **Brilliance® for spas** system is 7.2–7.8. Using **Brilliance® for spas 5-Way Test Strips**, test your spa's pH regularly. It's simple to adjust. When the pH falls below 7.2, add **Brilliance® for spas pH Increaser**. When the pH rises above 7.8, use **Brilliance® for spas pH Decreaser**. Always follow product label directions. To keep pH in balance between drainings, use **Brilliance for spas pH True**. Make sure to read and follow the label directions carefully when using this product.

Raising pH with  
**Brilliance® for spas pH Increaser**

Initial pH	Spa Volume (gallons)				
	100	200	300	400	500
7.3	1/2	1	1 1/2	2	2 1/2
7.2	1	2	3	4	5
<7.1	1 1/2	3	4 1/2	6	7 1/2

All measurements are in teaspoons.

Lowering pH with  
**Brilliance® for spas pH Decreaser**

Initial pH	Spa Volume (gallons)				
	100	200	300	400	500
7.6-7.8	1/4	1/2	5/8	3/4	1 1/4
7.8-8.0	3/8	3/4	1 1/8	1 1/2	1 7/8
8.0-8.4	3/4	1 1/2	2 1/4	3	3 3/4
>8.4	1	2	2 3/4	3 1/2	5

All measurements are in teaspoons.

## Total Alkalinity

Total alkalinity is the amount of “buffer” present in water. These buffers prevent drastic changes in pH, called “pH bounce.” The proper total alkalinity range for spa water is 80–120 ppm (parts per million).

Raising Total Alkalinity (TA) with  
**Brilliance® for spas Total Alkalinity Increaser**

Desired TA increase in ppm	Spa Volume (gallons)				
	150	200	300	400	500
20	3/4	1	1 1/2	2	2 1/2
40	1 1/2	2	3	4	5
60	2 1/4	3	4 1/2	6	7 1/2
80	3	4	6	8	10
100	3 3/4	5	7 1/2	10	12 1/2
120	4 1/2	6	9	12	15

All measurements are in dry ounces.

Lowering Total Alkalinity (TA) with  
**Brilliance® for spas pH Decreaser**

Desired TA decrease in ppm	Spa Volume (gallons)				
	150	200	300	400	500
20	1	1 1/2	2	3	4
40	2	3	4	6	8
60	3	4	6	8	10
80	4	5 1/2	8	11	14
100	5	6 1/2	10	13	16
120	6	8	12	16	20
140	7	10 1/2	14	21	24
160	8	12	16	24	28
180	9	13 1/2	18	27	32
200	10	15	20	30	36

All measurements are in dry ounces.

## Calcium Hardness

All water contains some natural hardness, and it varies by geographic region. Calcium hardness is the amount of dissolved calcium in your spa water. The correct hardness range is 200–400 ppm.

Raising Calcium Hardness (CH) with  
**Brilliance® for spas Total Alkalinity Increaser**

To raise CH (ppm)	Spa Volume (gallons)				
	150	200	300	400	500
20	1/2	1/2	1	1 1/2	1 1/2
40	1	1 1/2	2	2 1/2	3
80	2	2 1/2	4	5	6 1/2
120	3	4	5 1/2	7 1/2	9 1/2
160	4	5	7 1/2	10	12 1/2
200	5	6 1/2	9 1/2	12 1/2	16
240	5 1/2	7 1/2	11 1/2	15 1/2	19

All measurements are in dry ounces.

When increasing calcium hardness, add chemicals in increments of no greater than 40 ppm. For example, to raise calcium hardness 80ppm in a 300-gallon spa:

1. Add 2 ounces of **Brilliance® for spas Calcium Hardness Increaser**.
2. Circulate spa water for 15 minutes.
1. Add final 2 ounces of **Brilliance® for spas Calcium Hardness Increaser**.

**IMPORTANT:** Always turn spa blowers off prior to adding any chemicals, but make sure water is circulating in the spa.

## Other Important Water Balance Factors

In addition to regular pH testing, other water conditions should be tested by your Authorized **Brilliance® for spas** Dealer, though on a less frequent basis. Every four weeks, and when you refill your spa, take a water sample to your dealer in a water sample bottle or a clean, plastic container, for the following tests:

- **Metals** Proper water balance is the key to achieving excellent water quality and protecting your spa equipment (shell, heater, etc.). If you are located in a high calcium or metal content area, use **Brilliance® for spas Metal and Scale Control** to control metals and protect against scaling. Metals can enter the water through corrosion of surfaces, such as heating elements in the spa's heater or from fill water. It is important that no metals be present in your spa water at any time, as they can cause staining or discolored water.
- **Total Dissolved Solids** Total dissolved solids, or TDS, is the total amount of material dissolved in your spa water. Although the TDS concentration has little effect on water balance, a level above 2,000 ppm may cause problems with water clarity, sanitizer efficiency, eye irritation and taste. Be sure to follow your dealer recommendations to correct any imbalances in your spa.
- **Temperature** For health reasons, keep your spa water temperature at or below 104°F. It is especially dangerous for children to be subjected to higher temperatures.

Summary of Recommended Ranges for Water Balance Factors

pH	7.2 - 7.8
Total alkalinity	80 - 120 ppm
Calcium hardness	200 - 400 ppm
Metals	None
Total dissolved solids	Not to exceed 2,000 ppm
Water temperature	Not to exceed 104°F

## Brilliance® For Spas Start-Up Using Spa Floater Or Feeder

### Important

- After the spa is filled take a sample of your spa water to your Authorized **Brilliance® for spas** Dealer to be tested.
- Balance the water according to your dealer's recommendations and the ideal in this guide.
- Chemically clean the filter using **Brilliance® for spas Filter Cleaner**, follow label directions or replace with new filter per manufacturer's recommendations. See page 11 for benefits of a clean filter.

### Start-up

1. Add **Brilliance® for spas Metal and Scale Control** prior to adding **Brilliance® for spas Start-Up**, **Brilliance® for spas Oxidizer** or **Brilliance® for spas Sanitizer**.
2. Add **Brilliance® for spas Start-Up**. (See dosage chart below.)
3. Add **Brilliance® for spas Oxidizer** or **Oxidizing Tablets**. (See dosage chart below.)
4. Fill recommended floater or feeder-with **Brilliance® for spas Sanitizer**. Adjust the flow of water into the floater or feeder according to the manufacturer's directions to ensure that the sanitizer level is in the ideal range of 2–4ppm. Circulate the spa water at least three hours every day. It is recommended to use a **Brilliance® for spas Floater**.

5. Using a **Brilliance® for spas 5-Way Test Strip**, test the sanitizer level (range: 2–4 ppm) and pH level (range: 7.2–7.8). If those levels are acceptable, and if the temperature is under 104°F, the spa is ready to use.

**NOTE:** Prior to using any floater or feeder, inspect openings to ensure an unrestricted flow of water. Do not add products to any dispensing device containing remnants of any other product.

**NOTE: Brilliance® for spas Sanitizer** should always be used with a floater or feeder and never added directly to the spa. Do not add products to any dispensing device containing remnants of any other product.

**NOTE: Brilliance® for spas Sanitizer** is produced in a smaller, unique size, unlike common bromine tablets. **Brilliance® for spas Sanitizer** will dissolve at a more even rate and will ensure more consistent bromine levels. We recommend that you use the **Brilliance® for spas Floater**.

**Start-Up Dosage Chart**

Spa Volume (in gallons)	Brilliance® for spas Start-Up	Brilliance® for spas Metal & Scale Control	Brilliance® for spas Oxidizer	Brilliance® for spas Oxidizing Tablets
100	2 ozs.	1/3 fl. oz.	1/4 oz.	1 tab
150	2 ozs.	1/2 fl. oz.	1/4 oz.	2 tabs
200	2 ozs.	2/3 fl. oz.	1/4 oz.	3 tabs
250	2 ozs.	1 fl. oz.	1/2 oz.	3 tabs
300	2 ozs.	1 fl. oz.	1/2 oz.	4 tabs
350	2 ozs.	1 1/3 fl. ozs.	1/2 oz.	4 tabs
400	2 ozs.	1 1/3 fl. ozs.	3/4 oz.	5 tabs
450	2 ozs.	1 1/2 fl. ozs.	3/4 oz.	6 tabs
500	2 ozs.	1 2/3 fl. ozs.	1 oz.	6 tabs

## Brilliance® For Spas Routine Maintenance Using Spa Floater Or Feeder

### Important

If your spa is used daily, following tasks should be performed every other day:

- Test the Sanitizer level using the **Brilliance® for spas 5-Way Test Strips**.
- Check the floater or feeder to ensure an adequate amount of **Brilliance® for spas Sanitizer** is present; top up sanitizer if needed. Adjust the floater or feeder per the manufacturer's recommendations to maintain a **Brilliance® for spas Sanitizer** level of 2-4 ppm.

### Weekly 3-step system

Test and adjust your spa water according to the recommended water balance ranges on page 6.

Continue your weekly **Brilliance® for spas 3-step system** using the **Brilliance®** spa floater or feeder as indicated below:

**Step 1.** Enhance water clarity & filtration: Add **Brilliance® for spas Metal & Scale Control** (Refer to weekly dosage chart below).

- CIRCULATE ON HIGH SPEED FOR 30 MINUTES, WITH BLOWERS OFF — DO NOT INJECT AIR.

**Step 2.** Oxidize the water with **Brilliance® for spas Oxidizer** or **Oxidizing Tablets** at least once a week. Additional applications are recommended after heavy spa usage or the appearance of cloudy water.

**Step 3.** Check the floater or feeder to ensure an adequate amount of **Brilliance® for spas Sanitizer** is present; top up sanitizer if needed. Adjust the floater per the manufacturer's recommendations to maintain a **Brilliance® for spas Sanitizer** level of 2-4 ppm.

**NOTE:** If **Brilliance® for spas Sanitizer** level tests consistently high, it is recommended to adjust floater or feeder setting and/or reduce the frequency of using **Brilliance® for spas Oxidizer**.

**Weekly Dosage Chart Using a Spa Floater or Feeder**

Spa Volume (in gallons)	Brilliance® for spas Metal & Scale Control	Brilliance® for spas Oxidizer	Brilliance® for spas Oxidizing Tablets
100	1/3 fl. oz.	1/4 oz.	1 tab
150	1/2 fl. oz.	1/4 oz.	2 tabs
200	2/3 fl. oz.	1/4 oz.	3 tabs
250	1 fl. oz.	1/2 oz.	3 tabs
300	1 fl. oz.	1/2 oz.	4 tabs
350	1 1/3 fl. ozs.	1/2 oz.	4 tabs
400	1 1/3 fl. ozs.	3/4 oz.	5 tabs
450	1 1/2 fl. ozs.	3/4 oz.	6 tabs
500	1 2/3 fl. ozs.	1 oz.	6 tabs

If you are using a **Brilliance® for spas Starter Kit** to start your spa, you have been provided with a more concentrated granular version of the product. One 2-ounce pouch of **Brilliance® for spas Granular Metal and Scale Control** will treat a 500-gallon spa for approximately 3 to 4 weeks.

## Alternative Sanitizing System Start-Up Using Chlorinating Granules, Brominating Granular Or Bromo Tabs

### Important

After the spa is filled, have the spa water tested by your Authorized **Brilliance® for spas Dealer**.

- Balance the water according to the recommendations in this guide.
- Chemically clean your filter using **Brilliance® for spas Filter Cleaner**. (Refer to page 11.)

### Weekly

1. Add **Brilliance® for spas Metal and Scale Control** prior to adding **Brilliance® for spas Start-Up, Brilliance® for spas Oxidizer, Bromo Tabs, Brominating Granular or Chlorinating Granules**.
  - CIRCULATE ON HIGH SPEED FOR 30 MINUTES WITH BLOWERS OFF – DO NOT INJECT AIR.
2. Add **Brilliance® for spas Start-Up** if using Bromo Tabs. If using Chlorinating Granules or Brominating Granular, **Brilliance® for spas Start-Up SHOULD NOT** be used.
3. Add **Brilliance® for spas Oxidizer** or **Oxidizing Tablets** if using Bromo Tabs (**Brilliance® for spas Oxidizer SHOULD NOT** be added at start-up if using Chlorinating Granules or Brominating Granules).

4. a. If using Chlorinating Granules or Brominating Granular, add the initial dose of the product using the start-up table on the bottom of this page.
- b. If using Bromo Tabs, fill recommended floater or feeder with Bromo Tabs. Adjust the flow of water into the floater or feeder according to manufacturer recommendations. Place the filled floater or feeder into the spa or hot tub.
- CIRCULATE ON HIGH SPEED FOR 15 MINUTES WITH BLOWERS OFF – DO NOT INJECT AIR.

**Start-Up Dosage Chart**

Spa Volume (in gallons)	Brilliance® for spas Start-Up	Brilliance® for spas Metal & Scale Control	Brilliance® for spas Oxidizer	Brilliance® for spas Oxidizing Tablets
100	2 ozs.	1/3 fl. oz.	1 oz.	1 tab
150	2 ozs.	1/2 fl. oz.	1 1/2 ozs.	2 tabs
200	2 ozs.	2/3 fl. oz.	2 ozs.	3 tabs
250	2 ozs.	1 fl. oz.	2 ozs.	3 tabs
300	2 ozs.	1 fl. oz.	2 1/2 ozs.	4 tabs
350	2 ozs.	1 1/3 fl. ozs.	3 ozs.	4 tabs
400	2 ozs.	1 1/3 fl. ozs.	3 1/2 ozs.	5 tabs
450	2 ozs.	1 1/2 fl. ozs.	4 ozs.	6 tabs
500	2 ozs.	1 2/3 fl. ozs.	4 ozs.	6 tabs

5. Using a **Brilliance® for spas 5-Way Test Strips**, test for either Free Chlorine or Total Bromine, depending on the product being used, as listed below:
- a. If using Chlorinating Granules, test the free available chlorine level and the pH level (range: 7.2–7.6). If the Free Chlorine level is less than 3 ppm, repeat Step #4a as needed. Once those levels are between 3-5 ppm, and if the temperature is under 104° F, the spa is ready to use.
- b. If using Bromo Tabs or Brominating Granular, test the Total Bromine level (range: 2–4 ppm) and pH level (range 7.2–7.8). If those levels are acceptable, and if the temperature is under 104° F, the spa is ready to use.

**Start-Up Dosage Chart**

Spa Volume (in gallons)	Brilliance® for spas Chlorinating Granules	Brilliance® for spas Brominating Granular
100	1/4 oz.	1/8 oz.
150	1/4 oz.	1/8 oz.
200	1/4 oz.	1/8 oz.
250	1/2 oz.	1/4 oz.
300	3/4 oz.	1/4 oz.
350	3/4 oz.	1/4 oz.
400	1 oz.	1/2 oz.
450	1 oz.	1/2 oz.
500	1 1/8 ozs.	1/2 oz.

All measurements are in dry ounces.

# Alternative Sanitizing System Start-Up Using Chlorinating Granules, Brominating Granular Or Bromo Tabs

## Important

If your spa is used daily, the following tasks should be performed every other day.

- Using **Brilliance® 5-Way Test Strips**, test the Free chlorine or the Total Bromine level depending on which sanitizer is being used.
  - a. If using Chlorinating Granules, add Chlorinating Granules, in order to maintain a 3-5 ppm level.
  - b. If using Bromo Tabs, adjust the floater or feeder to maintain a Total Bromine level of 2-4 ppm if necessary.
  - c. If using Brominating Granular, add Brominating Granular, in order to maintain a 2-4 ppm level.

## Weekly

1. Add **Brilliance® for spas Metal & Scale Control**. (See dosage chart below.)
  - CIRCULATE ON HIGH SPEED FOR 30 MINUTES WITH BLOWERS OFF – DO NOT INJECT AIR.
2. Add **Brilliance® for spas Oxidizer** or **Oxidizing Tablets** at least once a week. Additional applications are recommended after heavy spa usage or the appearance of cloudy water.
3. Using **Brilliance® 5-Way Test Strips**, check the Free Chlorine or Total Bromine and add if necessary, to maintain a range of 2-4ppm.

**Maintenance Dosage Chart**

Spa Volume (in gallons)	Brilliance® for spas Metal & Scale Control	Brilliance® for spas Oxidizer	Brilliance® for spas Oxidizing Tablets
100	1/3 fl. oz.	1 fl. oz.	1 tab
150	1/2 fl. oz.	1 1/2 fl. ozs.	2 tabs
200	2/3 fl. oz.	2 fl. ozs.	3 tabs
250	1 fl. oz.	2 fl. ozs.	3 tabs
300	1 fl. oz.	2 1/2 fl. ozs.	4 tabs
350	1 1/3 fl. ozs.	3 fl. ozs.	4 tabs
400	1 1/3 fl. ozs.	3 1/2 fl. ozs.	5 tabs
450	1 1/2 fl. ozs.	4 fl. ozs.	6 tabs
500	1 2/3 fl. ozs.	4 fl. ozs.	6 tabs

**Chlorinating Granules Maintenance Dosage**

Spa Volume (in gallons)	Chlorinating Granules	Brominating Granular
100	1/8 oz.	1/8 oz.
150	1/8 oz.	1/8 oz.
200	1/4 oz.	1/8 oz.
250	1/4 oz.	1/4 oz.
300	1/3 oz.	1/4 oz.
350	1/3 oz.	1/4 oz.
400	1/2 oz.	1/2 oz.
450	1/2 oz.	1/2 oz.
500	2/3 oz.	1/2 oz.

All measurements are in dry ounces.

# Housekeeping

## Cover

Clean your cover every other week with **Brilliance® for spas Cover Cleaner**, concentrating on the water side.

Here's how:

1. If possible, place cover upside down on a flat surface.
2. Pour a puddle of **Brilliance® for spas Cover Cleaner** (about 6"–9" in diameter) onto cover inside and scrub with a spa cleaning pad.
3. Rinse cover thoroughly and replace cover on spa.
4. Pour a 2"–3" puddle of **Brilliance® for spas Cover Cleaner** on top of cover, scrub with a spa cleaning pad and rinse thoroughly.

## Shell

Clean your spa shell at the waterline regularly with **Brilliance® for spas Surface Cleaner** with a spa cleaning pad and rinse thoroughly. Use **Brilliance® for spas Film Free Clarifier** weekly to prevent and reduce waterline formation in spas.

## Filter

Clean your spa filter every 4 weeks with Brilliance for spas Spray & Rinse Filter Cleaner. And at every draining, deep clean your filter by soaking it in Brilliance for spas Filter Cleaner. Follow label directions for a clean clear spa.

### Why you should clean your spa filter

By filter cleaning, we are referring to the process of chemically cleaning your filter. A filter that's operating properly keeps the water clear by trapping the hair, oils and cosmetics that wash off when people use the spa. When the filter is dirty this debris stays in the water.

Regular attention to your filter will result in:

- Better circulation in your spa.
- Effective distribution of chemicals.
- Less opportunity for corrosion and scaling.

All in all, the result will be improved water clarity and that's what spa owners strive for all year long – so remember to give your filter a little TLC this year. Consult your Authorized Brilliance for spas dealer on timing for replacing your filter(s).

**NOTE:** Do not use filter cleaners that are recommended for pools. Always use a **Brilliance® for spas** recommended filter cleaner for use with your **Brilliance® for spas** Water Care System.

## Water Changing Guidelines

Although **Brilliance® for spas Sanitizer** is persistent at controlling bacteria, it's important to remember that a spa is a small body of water. Continual use means bathers will deposit large amounts of dirt, perspiration, body oils, deodorant, makeup and other contaminants into a relatively small volume of water. We recommend changing your spa water every 60–90 days or whenever an extreme water quality problem develops. Prior to draining your spa, use **Brilliance® for spas Jet Cleanse** to keep spa plumbing clear of organics, oils, dirt and minerals. Follow directions on product label. After draining, clean the empty spa shell thoroughly with **Brilliance® for spas Surface Cleaner**. Rinse thoroughly before refilling. This is also an ideal time to chemically clean your spa cover and filter.

# Brilliance® For Spas Products

## BRILLIANCE® FOR SPAS SANITIZER

The principal chemical in the **Brilliance® for spas** product line, **Brilliance® for spas Sanitizer** is a concentrated source of active bromine. This 100% chlorine-free product dissolves slowly and evenly in spa floaters or feeders to provide continuous sanitization of your spa.

## BRILLIANCE® FOR SPAS OXIDIZER



Non-chlorine oxidizer treatment that eliminates odors and reduces irritating contaminants, to leave water sparkling clear. Also contains mineral salts, which disperse in the spa water to promote relaxation and soothe the skin.

## BRILLIANCE® FOR SPAS OXIDIZING TABLETS

Help reduce odors caused by organic contaminants with an effervescent water cleaning action. These convenient, easy-to-use tablets quickly dissolve in spa water and break down residual soaps, deodorants, natural oils and organic materials.

## BRILLIANCE® FOR SPAS METAL & SCALE CONTROL



A metal control agent used to deactivate metals and control scale, which can cause staining and affect water clarity and filtration. Contains soy protein to moisturize spa water for a luxurious spa experience.

## BRILLIANCE® FOR SPAS START-UP

Establishes a “bromide bank” in the spa water. Used to ensure immediate bromine level is produced.

## BRILLIANCE® FOR SPAS 5-WAY TEST STRIPS

Five-way water test strips for testing the level of **Brilliance® for spas Sanitizer** or Total Bromine, pH, total alkalinity, calcium hardness and Free Chlorine.

## BRILLIANCE® FOR SPAS FOAM DISPERSER WITH VITAMIN E



A highly concentrated liquid, specially formulated to reduce foam in spas. Vitamin E benefits.

## BRILLIANCE® FOR SPAS SPRAY & RINSE FILTER CLEANER

Ideal for use between deep cleaning of filter. Cleans in just 5 minutes. This does not take the place of deep soaking cleaning with the **Brilliance® for spas Filter Cleaner**.

## BRILLIANCE® FOR SPAS FILM FREE CLARIFIER

Natural enzyme removes scum lines. Non toxic, non irritating and biodegradable.

## BRILLIANCE® FOR SPAS pH TRUE

Unique buffering action allows the pH to lock in the proper ranges and minimize the need for additional adjustment. Lasts from one spa refill to the next. Do not use this product if calcium hardness level is above 150 ppm. Refer to Authorized Brilliance for spas Dealer for more information. Bold product name.

## BRILLIANCE® FOR SPAS FILTER CLEANER



A concentrated liquid cleaner that removes deposits from filter cartridges. Provides powerful citrus cleaning action and a pleasant lemon scent.

## BRILLIANCE® FOR SPAS COVER CLEANER

A citrus-scented liquid cover cleaner that effectively removes dirt, dust and debris from both sides of the spa cover.

### BRILLIANCE® FOR SPAS JET CLEANSE

Helps keep spa plumbing clean of organics, oils, dirt and minerals. Add Jet Cleanse before water is drained to prevent buildup that can restrict water flow and damage equipment.

### BRILLIANCE® FOR SPAS SURFACE CLEANER

A highly concentrated gel which removes dirt, oils, stains, etc. at the waterline. Effectively removes “bathtub ring” from spa shells. Safely cleans all types of spa shells.

### BRILLIANCE® FOR SPAS WATER CLARIFIER

A liquid that restores water clarity by assisting the filter in removing tiny particles that can cause clouding. Also contains **Bioplex® NMF** with moisturizers to condition and soften spa water for a relaxing spa experience.



### BRILLIANCE® FOR SPAS CALCIUM HARDNESS INCREASER

Raises spa water calcium hardness levels.

### BRILLIANCE® FOR SPAS pH INCREASER

Raises spa water pH levels. Contains mineral salts with a fresh scent.

### BRILLIANCE® FOR SPAS pH DECREASER

Lowers spa water pH levels. Contains mineral salts with a fresh scent.



### BRILLIANCE® FOR SPAS TOTAL ALKALINITY INCREASER

Raises spa water total alkalinity levels.

### BRILLIANCE® FOR SPAS START-UP KIT

Convenient kit used to start up on **Brilliance® for spas** system includes 8 oz. **Brilliance® for spas Sanitizer**, 8 oz. **Brilliance® for spas Oxidizer**, 2 oz. **Brilliance® for spas Start-Up**, 2 oz. **Brilliance® for spas Granular Metal & Scale Control**, a **Brilliance® for spas Floater or Feeder** and a **Brilliance® for spas** consumer spa care guide.

### BROMO TABS (ALTERNATIVE SANITIZER)

Traditional bromine tablets which provide effective and reliable sanitization for spas and hot tubs. Intended for use in traditional spa and hot tub floaters or feeders.

### CHLORINATING GRANULES (ALTERNATIVE SANITIZER)

56% available chlorine dichloro granules for spa and hot tubs sanitization purposes. Intended for use after each time the spa or hot tub is used. Chlorinating Granules should not be used if using **Brilliance® for spas** Sanitizer, Brominating Granular or Bromo Tabs.

### BROMINATING GRANULAR (ALTERNATIVE SANITIZER)

A highly effective granular bromine sanitizer for spas. It rapidly and completely dissolves without clouding or leaving insoluble residue in water. This product may also be used as a super oxidation treatment to rid spa of organic waste.

### NOW WITH AQUA ENHANCERS

And now the benefits of **Brilliance® for spas** system are even more appealing with the addition of Aqua Enhancers – unique additives that condition spa water to promote a truly skin-soothing spa experience.



# Spa Safety

Your spa will give you years of enjoyment, yet like any water recreation, there are certain precautions which must be followed to minimize the risk of injury.

## Tips For Safe, Healthy Spa Use

**Proper ventilation:** If spas are inadequately ventilated, some users may experience slight throat irritation. Indoor spas should be adequately ventilated naturally or mechanically (i.e. an exhaust fan). If symptoms develop, take appropriate action to improve the ventilation of the area (open windows, install exhaust fan, etc.) and/or see your local dealer.

**Temperature:** Keep your spa water temperature no higher than 104°F. Temperatures higher than this can place undue strain on the cardiovascular system. A quality, shatterproof thermometer should always be used to accurately measure spa water temperature.

**Medical conditions:** Persons with diabetes, high blood pressure, heart disease or other cardiovascular conditions should consult their physician before using a spa.

**Shower first:** To reduce the likelihood of contaminating spa water and to minimize health risks, always shower with soap and water prior to use.

**Infection spreading:** Persons with open sores or any type of infection should not use the spa. Hot water is an ideal environment for spreading infection, especially if sanitizer levels are not properly maintained.

**Soak time:** Limit spa use to no more than 15 minutes at a time.

**Restrict alcohol use and medications:** Never drink alcoholic beverages before or during spa use. Alcohol can make you drowsy and lead to drowning. Anyone taking medication should consult their physician before soaking in a spa.

**Child safety:** Children should not be permitted to use the spa without adult supervision.

**Pregnancy:** Women who are pregnant should consult their physician before using a spa.

**Long hair:** Always tie long hair back to keep it away from the filter intake and drain.

**Slips and spills:** Handrails and non-slip surfaces will help to minimize the risk of slipping and falling.

**Electrical appliances:** Never use any electrical devices while using a spa.

**Severe weather:** Do not operate or soak in a spa during severe weather conditions (i.e., electrical storms, tornadoes, etc.).

## Handling Chemicals

- READ ALL PRODUCT LABELS CAREFULLY BEFORE USE.
- Never mix chemicals together. The result could be fire, explosion, or release of dangerous gas.
- Most spa chemicals are harmful if swallowed — many can injure skin and eyes.
- Keep out of reach of children.
- Always store chemicals in a cool, dry, well-ventilated place. Chemicals must be kept in their original containers. They must never be stored next to a heat source or open flame. Do not store in car trunk, or next to other chemicals — especially fertilizers and insecticides.

- Always add the chemical to the water, never the water to the chemical. Keep containers closed to seal out water or contamination.
- Always use clean, dry equipment when handling, transferring or measuring chemicals.
- Always follow label instructions for any chemical spills.
- Know the first aid instructions for all the chemicals you use. Keep emergency medical and poison control numbers handy. In case of emergency, call the poison control center nearest you or call **1-800-654-6911**.
- Don't smoke and handle chemicals. Some of the fumes are explosive.
- Keep concentrated chemicals away from lawn and plantings.
- Always make sure containers are tightly resealed immediately after use.
- Always wear the proper protective equipment (rubber gloves, safety goggles, etc. when handling chemicals).

## Brilliance For Spas 5-Way Test Strips

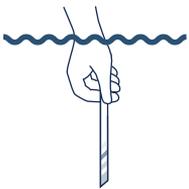


**Brilliance® for spas 5-Way Test Strips** are a quick and easy way to check your spa water's calcium hardness, **Brilliance® for spas Sanitizer/Total Bromine**, Free Chlorine, pH and total alkalinity levels. Each of the five pads on the test strip checks for a different water condition.

### Tips For Best Results

- Always dry your hands before removing test strips from the bottle.
- Replace and tighten the lid immediately after removing a strip to help keep the rest fresh.
- Store the strips in a cool, dry place.
- Leave the packet of drying agent in the bottle.

### How To Use Brilliance® For Spas 5-Way Test Strips

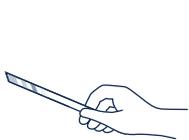


#### Step 1

Remove a **Brilliance® for spas 5-Way Test Strip** from the bottle and replace cap tightly. Dip the strip into your spa for one second and remove.

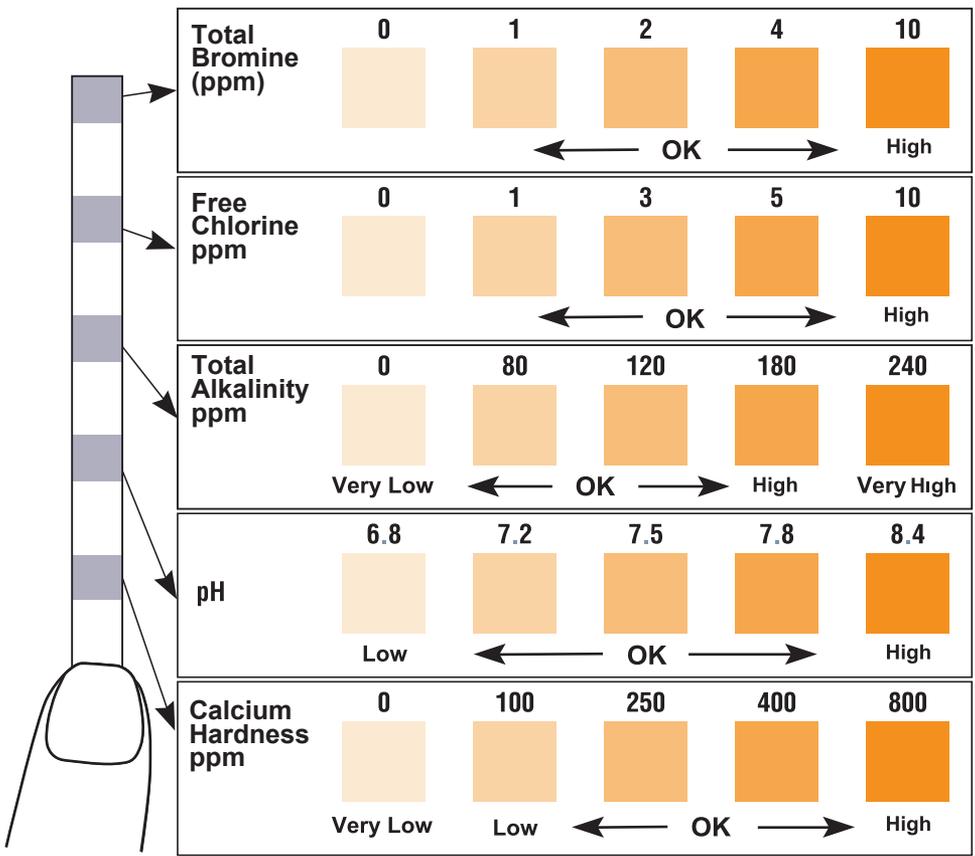


**Important: Do not “swish” the strip back and forth, as this will affect the accuracy of the test.**



#### Step 2

Hold the strip level, pad side up, for 15 seconds. Do not shake excess water from the test strip.



### Step 3

Compare the calcium hardness, pH, total alkalinity, and **Brilliance® for spas Sanitizer**/Total Bromine or Free Chlorine pads to the corresponding color blocks on the **Brilliance® for spas 5-Way Test Strips** bottle. The color chart will tell you whether or not your calcium hardness, pH, total alkalinity and **Brilliance® for spas Sanitizer**/Total Bromine or Free Chlorine are at the appropriate levels. If not, refer to the appropriate section in this guide for instruction on how to bring your levels within the proper ranges. The Spa Maintenance Log on the next page is for you to record the results of your tests.

# Spa Solution Center

Problem	Cause	Solution
Calcium deposits on spa shell/ rough surface	Water not in balance	Test water balance and adjust if necessary. Clean with <b>Brilliance® for spas Surface Cleaner</b>
Cloudy water	Water not in balance Dirty or damaged filter Low <b>Brilliance® for spas Sanitizer</b> Addition of incompatible chemicals Build-up of body oils, impurities	Test water balance and adjust if necessary Clean or change cartridge filter Test <b>Brilliance® for spas Sanitizer</b> level and adjust if necessary Drain spa and refill Add <b>Brilliance® for spas Oxidizer</b>
Colored water	Copper or iron metals in spa due to fill water or corrosion of heater Total alkalinity, pH are low	Add <b>Brilliance® for spas Metal &amp; Stain Control</b> Test water balance and adjust if necessary
Eye and skin irritation	Water not in balance Inadequate <b>Brilliance® for spas Sanitizer</b> level Build-up of body oils, impurities Addition of incompatible chemicals	Test water balance and adjust if necessary Check floater or feeder setting, and circulation time. Add <b>Brilliance® for spas Sanitizer</b> if necessary Add <b>Brilliance® for spas Oxidizer or Oxidizing Tablets</b> Drain spa and refill. Clean or change filter
Throat irritation	Associated with aeration of spa	Check floater setting circulation and <b>Brilliance® for spas Sanitizer</b> . Test and adjust the water balance. Improve ventilation of indoor spa
Excessive foam	Low Calcium hardness Addition of incompatible chemicals Build-up of body oils, impurities Old water	Test water balance and adjust if necessary Drain spa and refill Add <b>Brilliance® for spas Oxidizer or Oxidizing Tablets</b> Drain spa and refill
Odor	Inadequate cleaning of spa cover Inadequate cleaning of filter Inadequate cleaning of spa shell Inadequate ventilation Addition of incompatible chemicals Insufficient oxidation	Clean the underside of the spa cover with <b>Brilliance® for spas Cover Cleaner</b> Chemically clean filter with <b>Brilliance® for spas Filter Cleaner</b> Clean shell with <b>Brilliance® for spas Surface Cleaner</b> Improve ventilation of indoor spa Drain spa and refill Add <b>Brilliance® for spas Oxidizer or Oxidizing Tablets</b>
Waterline deposits	Water not in balance Build-up of body oils, impurities	Test water balance and adjust if necessary. Clean with <b>Brilliance® for spas Surface Cleaner</b> Add <b>Brilliance® for spas Oxidizer or Oxidizing Tablets</b> . Clean with <b>Brilliance® for spas Surface Cleaner</b>
High sanitizer consumption	Excess sanitizer level	Check floater or feeder setting and circulation time. Adjust as needed.
Metal present in water	Water not in balance or corrosive metals in fill water	Add <b>Brilliance® for spas Metal &amp; Scale Control</b>

**NOTE:** Most water chemistry problems can be resolved by the recommended solutions above. Extreme chemical conditions may warrant draining and refilling the spa. Stains or calcium deposits on the spa may require attention prior to refilling. If after following the suggested solutions outlined in the Troubleshooting section you are not able to solve a particular problem, contact your Authorized **Brilliance® for spas Dealer**.

# Spa Maintenance Log

Date Tested	Brilliance® for spas Sanitizer / Total Bromine (ppm)	pH reading (Target: 7.2 - 7.8)	Brilliance® for spas Oxidizer or Oxidizing Tablets (amount added)	Brilliance® for spas Metal & Scale Control (amount added)	Other Actions (other chemicals added, filter cleaned, etc.)
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The logo features the word "Brilliance" in a blue, cursive script font with a white starburst effect above the letter 'i'. Below it, the words "for spas" are written in a smaller, black, lowercase sans-serif font. The logo is centered within a large, semi-transparent orange circle.

*Brilliance*  
for spas

A large, solid white circle is positioned on the right side of the page, partially overlapping the orange background and other circular elements.

[www.brillianceforspas.com](http://www.brillianceforspas.com)