

Poolstop Spa Care – Service and maintenance of your spa.

Six Basics of Spa Care

1. Drain periodically
2. Maintain water balance
3. Use continuous and effective disinfection methods
4. Oxidise bather wastes periodically
5. Develop good maintenance habits
6. Ensure proper filtration and circulation

Spa Rule of Thumb

To determine the number of days between draining the spa, divide the volume of the spa in litres by twelve. Then divide this number by the "average daily bather load" or the number of people who typically use the spa in a day.

$$\frac{\text{Volume of spa (litres)}}{12} = X$$

$$\frac{X}{\text{Average daily bather load}}$$

E.g. 1,500 litres of spa water used by 4 people per day

$$\frac{1500}{12} = 125$$

$$\frac{125}{4 \text{ bathers per day}} = 31.25 \text{ days}$$

Spa Balance Products

Procedures – Conventional Mineral Water Balance

Overview

pH

Maintain between 7.2-7.6

TA

Maintain between 125-150 mg/l

CH

Maintain between 100-200 mg/l

Always add chemicals with CIRCULATION ON, LOW SPEED, AIR OFF. Use air induction system or blower only when the spa is being used. If possible, lower the spa temperature when it's not being used to combat pH increase.

After the spa is used, turn off the aeration (blower); allow the require some time to bubble out; resting will stabilise the pH. If aeration cannot be turned off, use the lowest pump/blower settings when adding chemicals.

Sunspot Spa pH Plus

pH Increaser

Features

Dissolves quickly
Professional packaging

Benefits

Will not cloud
Market Security

Application:

Determine the pH of your spa water using a test kit.

If the reading is below 7.2, then add **Sunspot Spa pH Plus** using the following instructions.

- Use 11g of **Sunspot Spa pH Plus** per 1,000 Lt of spa water

Apply the required amount of **Spa pH Plus** by pre-dissolving the product in a clean container with clean, warm water. Pour solution around spa perimeter with pump running to allow re-circulation. Wait 2-3 hours, recheck pH. Repeat if necessary.

Note: A proper pH will ensure optimum Disinfection activity and good water quality.

Sunspot Spa pH Minus

Lower pH

Features

Granular
Professional packaging

Benefits

More accurate measuring
Market security

Application:

Determine the pH of your spa water using a test kit.

If the reading is above 7.6, then add **Sunspot Spa pH Minus** using the following instructions.

- Use 11g of **Spa pH Minus** per 1,000 lt of spa water

Apply the required amount of **Spa pH Minus** by pre-dissolving the product in a clean container with clean, warm water. Pour solution around spa perimeter with pump running to allow re-circulation. Wait 2-3 hours, recheck pH. Repeat if necessary.

NOTE: Maximum one time dosage is 30g per 1,000 ltr of spa water.

Sunspot Spa T.A. Plus

Raises Total Alkalinity

Features

Increases total alkalinity
Prevents pH bounce
Easy to use

Benefits

Prevents damage to spa
Easier spa operation
For all types of spa

Application:

Using a test kit, establish the Total alkalinity of the spa water. If the T.A. reading is below 125 mg/l (ppm), follow the directions below.

- Use the chart below to determine how much **Sunspot Spa T.A. Plus** you Require

Dissolve the required amount of **Sunspot Spa T.A. Plus** in a clean container, with clean water and pour around the perimeter of the spa. Ensure that both filter and pump are running.

| Volume | | To raise total alkalinity | | | |
|--------|---------|---------------------------|--------|--------|---------|
| Litres | Gallons | 10mg/l | 20mg/l | 50mg/l | 100mg/l |
| 500 | 110 | 9g | 18g | 45g | 90g |
| 1000 | 220 | 18g | 36g | 90g | 180g |
| 1500 | 330 | 27g | 54g | 135g | 270g |

Sunspot Spa Hardness Plus

Raises Calcium Hardness

Features

Increases calcium hardness levels
Easy to use

Benefits

Helps protect spa
For all spa types

Application:

Using a test kit, establish the Calcium Hardness of the spa water. If the Calcium Hardness reading is below 100 mg/l (ppm), follow the directions below.

- Use the chart below to determine how much **Sunspot Spa Hardness Plus** you require

Divide the total amount of **Sunspot Spa Hardness Plus** required by 3 and then add one third every 6 hours to prevent clouding. Dissolve the required amount of **Sunspot Spa Hardness Plus** in a clean container, with clean cold water and pour around the perimeter of the spa. Ensure that both filter and pump are running.

| Volume | | To raise total alkalinity | | | |
|--------|---------|---------------------------|--------|--------|---------|
| Litres | Gallons | 10mg/l | 20mg/l | 50mg/l | 100mg/l |
| 500 | 110 | 8g | 15g | 38g | 75g |
| 1000 | 220 | 15g | 30g | 75g | 150g |
| 1500 | 330 | 23g | 54g | 113g | 225g |

Caution: Heat is generated when dissolving this product in water. Use clean cold water only.

Sunspot Spa Stabilised Chlorine Granules

Spa Disinfectant

Features

Granular
Totally soluble
Stabilised

Benefits

Easy to use
Won't cloud water
Lasts longer in outdoor spa

Applications:

- **Initial:** For freshly filled spas, add 15g per 1,000lt of spa water.
- **Daily:** To maintain a spa at a minimum of 3 mg/l (ppm), add approximately 5g per 1,000lt spa water. The dose rate may vary depending on water temperature and spa usage.

Pre-dissolve **Sunspot Spa Stabilised Chlorine Granules** in a clean container using clean water and pour solution over the inlet.

Regularly use a reliable test kit to determine free chlorine residual and pH level and dose the spa accordingly.

NOTE: It is good practice to shock dose the spa regularly using **Sunspot Spa Non-Chlorine Shock** or **Sunspot Spa Granular Shock**.

Sunspot Spa Bromine Tablets

Spa Disinfectant

Features

Bromine based sanitiser

Consistent erosion

Not as pH sensitive as chlorine
pH levels

Less odour

Totally soluble

Benefits

Less pH dependent

Less odour and irritation

More enjoyment

Even sanitiser level

Efficient at a wide range of

Less irritating to bathers

Won't cloud water

Application:

- Adjust the number of bromine tablets in the feeder to maintain a bromine residual of 3-6 mg/l (ppm)

Note: Check bromine and pH levels regularly and dose the spa accordingly.

When bromine feeder requires refilling with tablets, always follow manufacturers instructions.

It is good practice to shock dose the spa regularly with **Sunspot Spa Non-Chlorine Shock** or **Sunspot Spa Granular Shock**.

Sunspot Spa Non Chlorine Shock

Spa Oxidiser

Features

Granular
Totally soluble
Destroys chloramines
Destroys wastes

Benefits

Easy to use
Won't cloud water
Reduces odours
Sparkling water

Application:

- Add 15g of **Sunspot Spa Non Chlorine Shock** per 1,000lt of spa water weekly or immediately after heavy use

Pre-dissolve the product in a clean container in clean water and add to the spa with the filtration running.

Note: Leave spa cover off for at least 1 hour after treatment.

Caution: Check the chlorine/bromine levels is within range before bathing recommences.

Sunspot Spa Cartridge Cleaner

Spa Cartridge Cleaner

Features

Removes oils, greases
Restores filter efficiency

Longer filter runs

Benefits

Improves filtration/circulation
Reduces operational costs

Improves water clarity
Less work

Application:

- Add 1 litre of Cartridge cleaner to 20 litres of water in a clean container, until the cartridge/screen is completely submerged. Allow to stand overnight. Hose off thoroughly

Allow the cartridge to dry thoroughly before returning to operation.

Caution: Always wear rubber gloves and eye protection when using this product.

Sunspot Spa Sparkle

Spa water Enhancer

Features

Liquid
Cationically charged

Benefits

Easy to use
Makes spa water sparkle

Application:

- **Initial:** Add directly to the spa at the rate of 40ml per 1,000lts of spa water.

Repeat treatment if the spa water has not cleared after 24 hours of continuous filtration.

- **Maintenance:** Add directly to the spa at the rate of 20ml per 1,000lts of spa water weekly.

Run filtration for at least an hour after adding Spa Sparkle to the spa.

Caution: Never add more than the recommended dose at any single time.

Sunspot No Foam

Spa Form Prevention

Features

Liquid
Fast acting

Benefits

Easy to use
Immediate results

Application:

- **Initial:** Add directly to the spa at the rate of 110ml per 1,000lts of spa water for freshly filled spas. Ensure pump is running to allow recirculation.
- **Weekly:** Add directly to the spa at the rate of 55ml per 1,000lts of spa water to maintain a foam free spa. Ensure pump is running to allow recirculation.

Sunspot Spa No Scale

Spa Scale Controller

Features

Liquid
Anti-nucleation

Benefits

Easy to use
Prevents scale from forming

Application:

- **Initial:** Add directly to the spa at the rate of 25ml per 1,000lts of spa water for freshly filled spas.
- **Weekly:** Add directly to the spa at the rate of 15ml per 1,000lts of spa water.

Use treatment twice a week where scaling is evident.

Sunspot Spa Surface Cleaner

Spa Surface Cleaner

Features

Removes oils, greases
Invisible shield
Eliminates hidden microbes
Non abrasive

Benefits

Improves appearance
Less scum line build-up
Saves money on disinfection
Protects surface

Application:

- Apply **Sunspot Spa Surface Cleaner** sparingly using a sponge or damp cloth, lightly working the cleaner onto the surface to remove oils and greases.

Rinse the area thoroughly using spa water.

It is recommended that the spa is cleaned every time the spa is drained and re-filled.

NOTE: Always test a small area of the spa surface to ensure compatibility.

CAUTION: Wear rubber gloves when applying this product.