

## **5 step Guide to Water Chemistry.**

Measure the quantities via a tablespoon – one tablespoon equals approx. 10g or 15ml.



### 1. **Alkalinity**

**Using your test strips**, determine whether your spa water's Alkalinity is in the "ok" area. If the test shows that the spa water has low alkalinity, always adjust with [SpaMate TA Increaser](#) before adjusting the Ph. There is no liquid or granulated product to lower the Alkalinity level. If the Alkalinity is too high, turn on the spa's main pumps. Rotating the spa water will naturally lower the total alkalinity (TA) NOTE - Add no more than 70g at a time, if more is needed then wait 30 minutes before adding a max of another 70g. (no more than 140g per day).

### 2. **pH**

**Using your test strips**, determine whether the pH of your spa water is in the "ok" area. The pH of the water can be adjusted with small amounts of [SpaMate pH Increaser](#) (up) or [SpaMate pH Decreaser](#) (down).

### 3. **Chlorine/Bromine**

**Using your test strips**, determine whether your spa water has the correct amount of sanitiser in the water. A sanitised environment will not allow bacteria to survive & multiply. Always add enough sanitiser and allow at least 30 minutes for the sanitiser you apply to register on your test strips. Either use [SpaMate Bromine Granules](#), [Clean Zone Cartridges](#) or [SpaMate Chlorine Granules](#) .

### 4. **Calcium** (soft or hard water)

**Using your test strips**, determine whether your spa water is hard or soft. 'Hard' water will lead to scale building up in your pipes / pumps / heater, etc. 'Soft' water will cause corrosion of equipment. Use [SpaMate Decrease Calcium](#) if your water is "hard" or [SpaMate Increase Calcium](#) if your water is "soft". This will adjust the spa water to the correct level accordingly. Only add when water is clear.

### 5. **Shock**. (oxidizing).

After you have sanitised the spa water or adjusted the pH or Alkalinity, there will be a residual by-product left behind in the water. This by-product is unavoidable and needs to be removed from the spa water. Every week, depending on usage, add [SpaMate Non-Chlorine Shock](#) (if you use Bromine) or [SpaMate Chlorine Shock](#) (if you use Chlorine) to the water. This will gas-off the unwanted by-products, leave the water more receptive to new chemicals & will save you money.

\*Always turn on all pumps, jets & waterfalls when adding any chemical, so 100% of the spa water is treated. \*Always leave the thermal cover off the spa during chemical treatments and for at least 30 minutes after applying the treatment. \*Do not mix different products together. \*Only apply one product to the spa water at a time. \*Do not pour water onto any product; always apply the product to water.

*\*Beware – Your guarantees & warranties will be invalid if you use chemicals without a data sheet. Cheaper products are only 30% as effective. These diluted & blended products are harmful to your hot tub & will cause more problems than solutions!*



**Problems with water management?**

**Scan the QR code for FAQs.**

