



Spa Chemical Guidelines

In your chemical pack you will find 6 different products:

Water Balancers

- | | |
|---|---|
| 1 | Total Alkalinity |
| . | |
| 2 | Ph Increaser |
| . | |
| 3 | Water Hardness Increaser |
| . | Only used when refilling spa(250g Only) |

Sanitizers

- | | |
|------------------------------|---|
| 4 Concentrated Chlorine | Kills bacteria in your spa water |
| . or
Concentrated Bromine | |
| 5 Energizer | Oxidises and reinvigorates your spa
(weekly usage)an excellent product for clearing murky
water |
| . | |

Filter Cleaner

- | | |
|----------------|---|
| 6 Filter White | Chemically cleans your filter for longer life
(3 week usage) |
| . | |

Additional Products (Not included in Starter Pack)

Surface Cleaner

- to clean the surfaces of your spa without affecting your water balance

Flocculent

- Combines solid particles in water to improve filtration(flocculent)

PH Down

- Ph Reducer (rarely used in Wales)

WaterSoftner

- Hardness Reducer

Antifoam

- Foam Dispersant



General Directions

A good chemical Balance in your spa will give you crystal clear water and enhance the enjoyment of your Spa.

Always run your pumps while adding chemicals.

When filling your spa with fresh water it is important to ensure that your water hardness is correct. If you live in South Wales in general a soft water area you will require hardness increaser (**Calcium**). 250g or ¼ of your bottle should be added during fresh water fill- you will not have to add anymore until you next fill your spa, on the other hand if you live in London and the East you are probably in a hard water area where you will require water softener to reduce your water hardness. If you are unsure visit www.dwi.gov.uk/pubs/hardness/index.htm

Testing your spa is dependant on the frequency of use, you should not allow your spa to stand without testing for more than 3 days, or within 1 day of use. Using your chemical test strips (taking care not to touch the indicator pads), dip one into your water remove after 3 seconds, leave for 10 seconds. Hold against the comparison chart on the test strip container and compare the colours. The colour ranges show an OK zone- you must balance your water so that the colours on your test strip match the colours in the OK zone.

Alkalinity increaser

:is the first level to achieve; correct Alkalinity reduces fluctuations in Ph acting as a buffer and improves the performance of your Sanitizer. Once you have achieved an OK reading you should test for Ph.

Ph increaser :

should be added to balance your water, using your spa will cause your Ph to drop.(high ph will cause unnecessary foaming)

Sanitizer (Chlorine or Bromine) should be added to kill the bacteria in your spa. It is important that your sanitizer levels are kept to the correct reading, low sanitizer levels will lead to cloudy smelly water which is not very inviting. (*Important*) **Adding a capful of Sanitizer immediately after use will help to maintain clear and freshwater.**

Energizer:

is an oxidiser which is used to 'Shock' your spa and freshen your water.

For general use add a Spa Lite to your Spa once a week, however if your spa has had 'heavy' use add a Spa Lite to revitalize your spa water.

Cleaning Your Filter

The filter is used to remove particles from the water and hence keep the water clear. It is advisable to keep 2 sets of filters the 1st set being used in the spa and the 2nd clean and dry waiting for change over. These 2 filters kept regularly cleaned should last for 1 year. To keep you filter in good condition and functioning correctly it is advisable to rinse it every week or two with a pressurised hose and every third week chemically clean it by soaking it overnight in a filter cleaner (Filter White). After soaking, the filter should be rinsed and left to dry, final drying should be in an 'airing cupboard' or such like were the fibres of the filter can dry out.

Notes: If you use water cleaning chemicals such as Flocculent, the filter should be regularly rinsed to prevent clogging. A clean filter used in conjunction with Flocculent will maintain crystal clear water.

Hints to Keep Your Water Clear

Avoid the use of swimwear that contains detergents. These detergents will cause cloudy water and 'foaming'. Soak swimwear in clean water before use, it is sometimes a good idea to keep a number of spare costumes available for guests.

Body oils and make-up will also cloud your water, it is advisable to shower before using the spa, but not always practical, draining 6-12 inches from your water then refilling dilutes any cloudiness and eases the clearing process.

Keep your filter well cleaned.

If you adopt the above guidelines you will enjoy years of safe healthy and fun hottubing

If you are struggling to maintain your water balance and require further advice please do not hesitate to call Hottubs Uk 02920 597977