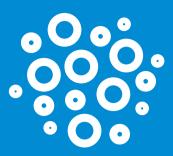




## WATER MANAGEMENT

Water management is an essential part of pool ownership. Water chemical levels should be checked and adjusted regularly to keep your pool in top condition.

**AFTER THE POOL IS FILLED WITH FRESH WATER** 



### GRANULES

Always pre-dissolve granules using clean water in a container and carefully apply to your pool with the pump and filter running.



**LIQUIDS** Apply directly to your pool with the pump and filter running



### **ADDING CHEMICALS TO YOUR POOL**

As soon as the pool is filled with water, you need a (booster) shock dose of Stabilised Chlorine Granules. This is a larger dose than normal to eliminate bacteria or contamination. Normally you need to aim for a Free Chlorine level of 1-3ppm, but the booster dose will raise the Free Chlorine level to approx. 10ppm and this high level needs to be maintained in the pool for a minimum of 2 ½ hours. This high level is likely to remain in the pool for at least 24 hours and will gradually drop over time. Only once the Free Chlorine levels fall between 1-3ppm (after approx. 12 hours) can the pool be used.

### HOW MUCH STABILISED CHLORINE GRANULES DO I NEED TO ADD TO MY POOL?

This depends on how many litres of water you pool holds

BO	OST	ER	DOS	SE

POOL VOLUME	BOOSTER DOSE - STABILISED CHLORINE GRANULES	
5,000 litres (1,100 gallons)	50g (approx. 3 tablespoons)	
10,000 litres (2,200 gallons)	100g (approx. 7 tablespoons)	
15,000 litres (3,300 gallons)	150g (aprox. 10 tablespoons)	

A tablespoon = approx 15g Stabilised Chlorine Granules

### **DID YOU KNOW?**

The correct free chlorine level keeps the swimming pool water safe and bacteria free.



### TESTING

Test your pool water using Clearwater<sup>®</sup> Dip Tests. The test strips will quickly let you know if the Free Chlorine, pH and Total Alkalinity levels are correct of need adjusting. Dip the strip into the water and remove immediately. Hold the strip level for 15 seconds (without shaking off excess water). Compare the strips results against the chart on the Dip Test container.

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### WARNING

Very high Chlorine levels can bleach the indicator on the dip test

#### **ADDING CHLORINE**

To maintain clean water that is safe to use, a daily dose of Stabilised Chlorine Granules may be required. Chlorine will be consumed even when the pool is not being used. If a lot of bathers are using the pool, you may need to increase the daily dose rates.

### Ideal Free Chlorine level: 1-3ppm

### **DOSE RATES**

**TO INCREASE CHLORINE** 

**LEVEL BY 1PPM** 

20g (approx. 1.5 tablespoons)

40g (approx. 2.5 tablespoons)

60g (approx. 4.5 tablespoons)

## **POOL VOLUME**

5,000 (1,100 gallons)

10,000 (2,200 gallons)

15,000 (3,300 gallons)

# B WEEKLY

#### **ALGAE CONTROL**

Algae are microscopic forms of plants life that can multiply quickly in untreated water, turning pool water green and creating slippery sides. Maintaining the correct Free Chlorine level will help prevent algae, but extra protection is provided using Clearwater<sup>®</sup> Algaecide. An initial dose is required, followed by a weekly top-up dose.

### **DOSE RATES**

<b>POOL VOLUME</b>	INITIAL BOOSTER DOSE	WEEKLY DOSE
5,000 (1,100 gallons)	55ml	28ml
10,000 (2,200 gallons)	110ml	55ml
15,000 (3,300 gallons)	165ml	83ml

## WHEN REQUIRED

### **ADJUSTING THE pH LEVEL**

The pH level of your pool water is important. Correct pH levels ensure that the pool water is comfortable for bathers and the water is neither too acidic or alkali. Unbalanced pH can cause skin irritation, scale formation, unpleasant smells, cloudy water, damage to components and fluctuating Chlorine levels.

### Ideal pH range: 7.2-7.6

Clearwater<sup>®</sup> pH Plus is used to increase or Clearwater<sup>®</sup> pH Minus is used to decrease

DOSE RATES				
<b>POOL VOLUME</b>	LOW pH - APPLY pH PLUS	HIGH pH - APPLY pH MINUS		
5,000 (1,100 gallons)	50g (approx. 3 tablespoons)	50g (approx. 2.5 tablespoons)		
10,000 (2,200 gallons)	100g (approx. 7 tablespoons)	100g (approx. 5 tablespoons)		
15,000 (3,300 gallons)	150g (approx. 10 tablespoons)	150g (approx. 7.5 tablespoons)		

### **ADJUSTING TOTAL ALKALINITY**

Total Alkalinity (TA) is the measure of the water's ability to neutralise acids. Balanced Total Alkalinity helps control the pH levels. Unbalanced TA can cause irregular pH and Chlorine levels and cause discomfort for bathers.

### Ideal Total Alkalinity level: 80-120ppm

Clearwater<sup>®</sup> TA Plus is used to increase and Clearwater<sup>®</sup> pH Minus is used to decrease

## **PROBLEM SOLVING CHART**

SYMPTON	CAUSE	REMEDY
Green/Cloudy water/ Slippery sides	Inadequate sanitiser. Algae may be present.	Shock dose with double dose Chlorine or 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 contamina- tion or neglect.	Shock dose with double dose Chlorine Repeat after 24 hours if necessary.
Foaming water	Oils/detergents present.	Use Foam Reducer.
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 pool sides / edges	Scale formation.	Ensure pH levels are correct and if scale persists use a pool scale inhibitor 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.
Foaming	Detergent present from incorrect cleaning products or excessive algaecide use.	Reduce water level and top up with fresh water. Avoid domestic household cleaners.

### **OTHER USEFUL INFORMATION**

**HOW OFTEN DO I NEED TO DRAIN & REFILL MY POOL?** To avoid a build-up of pollution from bathers, it is recommended to refresh the pool water by draining and re-filling every 2-3 months.

WHY IS WATER CIRCULATION AND FILTRATION SO IMPORTANT? It is a combination of circulating the water and the cartridge filter collecting debris along with regular chemical treatment that keeps the pool water safe and crystal clear. Most pools include a pump to circulate the pool water and a cartridge filter to keep the water clear and free of debris. You should run your pool's circulation every day referring to your pool Owner's Manual for more detailed advice. Note, when the cartridge filter is dirty, filter efficiency and circulation is impaired often leading to cloudy water. Rinse the cartridge filter weekly with clean water to remove debris. For a more thorough clean, use ClearWater cartridge cleaner.

## SAFETY TIPS

### GENERAL

- Do not allow water temperatures to exceed 40°c (lower for children).
- Do not leave non-swimmers / children unattended.
- Do not overload the pool.
- Do not use electrical appliances near water.
- Use plastic and not glass around the pool.
- Do not drink alcoholic beverages before or during use of your pool.
- If you are pregnant, have high blood pressure or cardiovascular
- conditions then consult your doctor before using your pool.
- When changing (dirty) filter cartridges, wear gloves.

### **CHEMICAL HANDLING**

- Read instructions thoroughly on each product/ box before use.
- When pre-dissolving chemicals always add chemicals to water and not vice versa.
- Never mix different chemicals in concentrated forms, including these kit products but also with other products like bleach or weed killers, as a dangerous reaction may occur.
- Always pre-dissolve chemicals in a clean, plastic container in a well ventilated area.
- Avoid spillages but in the event of a spillage clean up using clean receptacles and dispose of responsibly. Flush cleaned spill areas with water.
- Never use unlabelled chemicals.
- Wash hands after handling pool chemicals.

### **STORING CHEMICALS**

- Store chemicals well away from children and pets.
- Store in a secure, cool and dry place.

## **POOL ESSENTIALS**



For more ClearWater products please visit: www.clearwaterchemicals.co.uk