

NOT JUST A SHOCK!



SUPERFAST SUPER-SANITISER THIS SEASON'S SUPER-WATER-SAVER

Fi-CLOR

You probably know Superfast Shock is one of the most popular shock treatments around. But did you know more and more swimming pool owners are changing to Superfast Granules to sanitise their pool water on a regular basis?

The advantages are clear. Superfast is a fast dissolving, fast acting, stabiliser-free granular chlorine. So bacteria are killed, algae is controlled and as Superfast doesn't cause 'chlorine lock', our goes the expense of partially draining the pool and topping up with fresh water, so relevant when there are water shortages. But most of all, the pool water is safe and crystal clear.

It shouldn't come as a shock to know, Superfast is a super sanitiser, and if this season has water restrictions - it's a **super-water-saver** too.

Superfast is only one of the many products available from the Fi-Clor Pool Care Products range. See them all at your local Fi-Clor pool shop.

To find your nearest Fi-Clor pool shop, contact our main distribution Centre International Ltd, 01977 714100 or 01977 714100, or call Arch as 01977 714100, alternatively visit our website www.fi-clor.co.uk



IS YOUR POOL OVER-STABILISED?



SAVE WATER and at the same time bring back the fun and sparkle to your pool with

SUPERFAST



ARCH
WATER PRODUCTS

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IS YOUR POOL OVER-STABILISED?

If your swimming pool shows signs of any of the following, then it is most likely over-stabilised:

- Green from algae, although chlorine is present.
- Lack of sparkle; dull appearance.
- The usual shock treatment does not return the water to its original clear, sparkling condition.
- Chlorine consumption has increased.
- General green tint to the water.
- Water does not look inviting.

What is over-stabilisation?

Over-stabilisation is caused by an excess of cyanuric acid (stabiliser) in the pool water.

If you disinfect your swimming pool water with chlorine you are probably using stabilised chlorine granules or tablets. These can be either the standard type or multi-functional versions containing algicide and clarifier. All these products dissolve in the pool water to produce free available chlorine and cyanuric acid (stabiliser).

The free available chlorine is consumed in the process of destroying bacteria, algae and organic matter. However, the cyanuric acid (stabiliser) is not removed by any chemical process, and accumulates in the water over time. This excess stabiliser will 'inhibit' the chlorine's action resulting in over-stabilisation and the problems listed opposite.



The graph below shows the amount of cyanuric acid (stabiliser) liberated by 1kg of both stabilised chlorine granules and stabilised chlorine tablets.

QUANTITY OF STABILISER RELEASED PER KILO OF SANITISER USED



In an average domestic pool with a capacity of 50m³ (11,000 gallons), this is equivalent to an increase in the cyanuric acid (stabiliser) concentration of 10-11mg per litre (ppm).

It can easily be seen how the cyanuric acid (stabiliser) level rapidly builds up and the only way to prevent it reaching excessive levels is by topping up with fresh water after backwashing, or by simply draining water. However, this may not be possible if there are water restrictions in place with the water authorities, which in extreme cases, can lead to DEFRA imposing drought restrictions.

It's not all bad news. Cyanuric acid (stabiliser) does have the unique property of protecting the free chlorine from the destructive UV rays of the sun and will minimise the loss of chlorine to sunlight.

So, what does this all mean? For outdoor pools we do need some stabiliser to reduce chlorine consumption and provide pleasant bathing conditions, but we do not need too much, or we will have poor quality water and consumption may ultimately increase.

We are striving for an optimum level which is generally regarded as being 30-60mg/l (ppm). This level is quite quickly achieved especially if water replacement levels are low.



Roger Harris/Science Photo Library



What's the answer?

The answer is to use a stabiliser-free chlorine, and probably the best available today is Fi-Clor Superfast Granules.

Superfast is a high strength (78% available chlorine), fast dissolving, exceptional quality calcium hypochlorite.

Thousands of pool owners already use Fi-Clor Superfast as a shock treatment, but more and more are using it as a regular sanitiser *to help control stabiliser levels.*

We've attached a cyanuric acid test strip to help you assess your pool stabiliser concentration. If the level is above 60mg/l (ppm) you need to start increasing routine water replacement. And if it is above 100mg/l (ppm), you need to replace significant amounts of pool water, with a change to Fi-Clor Superfast being highly beneficial in both cases. With an initial stabiliser level of 60mg/l (ppm), it will take 14 weeks to reduce it to 30mg/l (ppm) if 5% of the pool water is replaced with fresh water every week and no further stabilised chlorine is added.

Alternatively, take a sample of your pool water to your nearest Fi-Clor dealer or stockist and ask for a cyanuric acid test to be carried out. Go to www.fi-clor.co.uk and click on DEALERS to find the closest to your home.

Remember if your pool has lost its sparkle Fi-Clor Superfast is the answer to your over-stabilisation problems, and will save water too.

SUPERFAST MAKES SUPER SENSE

