Troubleshooting Guide

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CLOUDY WATER

Fi-CLOR®

POOL SANITISERS

SHOCK TREATMENT

PREVENTION OR CURE

WATER BALANCE

Fi-CLOR®

www.fi-clor.co.uk

Probable causes:

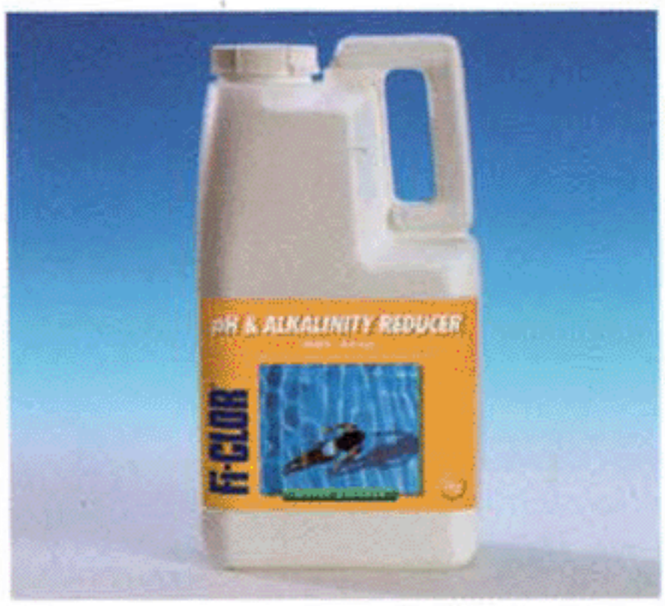
- **High pH and/or alkalinity**
- **Low free chlorine level**
- **High stabiliser (cyanuric acid) level**
- **Poor or inadequate filtration**

Cloudy water could be due to a number of factors: high total alkalinity or pH which bring hardness salts out of solution, low free chlorine allowing a build-up of bacteria, poor filtration which is ineffective at removing particles suspended in the water, or the start of an algae bloom.

The use of a test kit may help to establish the most likely cause(s).

CLOUDY WATER

WHAT YOU MAY NEED



7Kg Fi-Clor pH & Alkalinity Reducer

To correct high pH

350g Fi-Clor Superchlorinator

To shock chlorinate the pool

- Extra strength (78% available chlorine)
- Fast dissolving, quick acting
- Stabiliser-free, no chlorine lock

1Ltr Fi-Clor Clear

To clarify the pool water after killing the algae

- Clarifies and helps prevent algae
- No vacuuming required
- Adds sparkle to water surface
- No sulphates to attack grouting and render

Before adding any chemicals to your pool, ensure nobody is swimming

ACTION TO BE TAKEN

1. If due to high pH and/or alkalinity

- The pH tells us whether the water is acid or alkaline and requires checking on a regular basis. It should be maintained in the range 7.2 – 7.6. If the pH is above 7.6, lower it by dosing Fi-Clor pH & Alkalinity Reducer at a rate of 500g per 11,000 gallons (50m³). Dose no more than 1kg at a time, dissolving the material in a clean plastic container with 10 litres (approx 2 gallons) of pool water. Always add the chemicals to the water, not vice versa. With the circulation running, distribute the solution around the pool, avoiding the skimmers. Do not dose it in one spot otherwise some alkalinity may be destroyed.
- Alkalinity should be kept between 100 – 200mg/l (ppm). If necessary it can also be reduced using Fi-Clor pH & Alkalinity Reducer. Your Approved Fi-Clor Dealer will be able to test a sample of your pool water and advise on a suitable dosing procedure.

2. If due to low free chlorine

- NOTE: The free chlorine residual should be maintained within the range 1.5 – 4mg/l (ppm), even when the pool is not in use. If you are using Fi-Clor Premium 5 Granules or Fi-Clor Granules, you will need 90g per (11,000 gallons) 50m³ to provide 1mg/l (ppm).
- Superchlorinate the pool using Fi-Clor Superchlorinator. Use the contents of one entire 350g mini-bottle for the average sized residential pool of 11,000 gallons (50m³), or pro-rata* for other pool sizes. This will raise the chlorine level by between 5 – 6 mg/l (ppm). Broadcast the required quantity across the deep end of the pool with the circulation running.

* Approx 64g per 11,000 gallons (50m³)will increase the free chlorine by 1mg/l (ppm).

WARNING: Do not mix Fi-Clor Superfast Shock with any other types of chlorinating compounds (even other products on the Fi-Clor range) either in the dry state, or in the skimmer. Fire or explosion may result. If using with other products, dose them into the pool separately.

3. If due to high stabiliser level

- Stabiliser is essential in an outdoor pool but if you are using either stabilised chlorine granules, Maxi or Mini-Tabs, the stabiliser level may well increase, depending on the level of water replacement. Take a sample of your pool water to your Approved Fi-Clor Dealer who will test it for you and advise how much water you will need to replace with fresh. Due to structural considerations relating to the pool design etc, great care should be exercised when draining large quantities of water and the advice of your dealer should be sought regarding the maximum quantity of water that it is safe to replace in one operation. The stabiliser level should be between 30 – 80 mg/l, but ideally at the lower end of this range following a water replacement.

4. If due to poor or inadequate filtration

- It is good practice to have the quality of the filter media checked every 2 years. The correct depth of media is essential if your water is to remain free from small suspended particles. Your Approved Fi-Clor Dealer will be able to advise on all aspects of filtration equipment and maintenance.
- Ask your dealer to check that there is a good flow of water being taken from the bottom drain of the pool.
- The filter may be aided in the removal of very fine suspended particles by the use of a water clarifier. Add an initial dose of 0.5 litres per 11,000 gallons (50m³) of Fi-Clor Clear. To keep the water sparkling add a routine dose of 0.25 litres per week.

Further information can be obtained from: Arch Water Products Division, Wheldon Road, Castleford, West Yorkshire WF10 2JT
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