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POOL SERVICE FACT SHEET

GETTING IRON OUT OF THE POOL WATER

The iron will stay in solution while the pH is low & as long as no great amount of chlorine is added as most people find out, however, the trick is to then try to get the iron out of the water.

There are a couple of possible ways to achieve this:

1. There are chemicals available called Chelating Agents which can be added to the pool water & some suppliers say they will hold the iron in solution until the filter can take it out, some times they work but it is hard for the filter to remove anything which is in solution.
2. The best product for removing iron is chlorine, this will oxidise the iron to ferric chloride & it can be taken out in the filter. You would need to allow the pH to rise to the point that the color was just turning & then add chlorine to the water by dribbling liquid chlorine in to the skimmer box with the filter operating or use a chemical feed pump & inject the chlorine in to the line between the pump & filter.

The addition direct to the skimmer box would possibly be the best as it gives a longer reaction time for the ferric chloride to form before it reaches the filter.

The filter should take out the ferric chloride or if the chlorine level gets to high in the pool then the ferric chloride may settle out on the floor.

If this happens, then you need to stop the chlorine addition & vacuum the residue to waste, not through the filter. You will need to fill the pool 2-3" above normal level before doing this.

Also if the filter blocks up while filtering, then stop the chlorine & do a backwash then restart the chlorine.

3. Firstly fill the pool 2-3" above normal level & then

Raise the pH & then add 1-2 galls (5-10 litres) of chlorine to the pool & then use approx 2 lbs or 1.0kG of alum mixed with water & spread across the surface of the pool.

This should firstly turn the water red in color & then the iron should settle to the floor, you can then vacuum to waste.

What you are trying to achieve is to lower the iron level in the pool so you can operate in normal 7.4 - 7.5 pH range This will last for 3-6 months & then you would have to do it again.

For more information about fixing problems with your pool, purchase our How to fix it E-Book "NOW I KNOW HOW TO" or our "Technical Training Manual 2001"
<http://www.pool-information.com.au/cgi-bin/index.cgi>