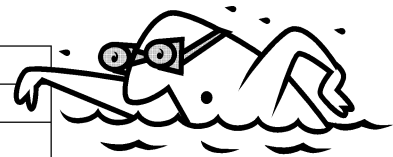


How to Treat and Prevent Metals and Staining

If there is staining on the liner, fibreglass, or concrete in the pool that is dark and not removable by scrubbing, there may be evidence of metals in the water. This may also cause the water to turn an abnormal colour. Metals can take their place in pool water because of metal foreign objects entering the water such as pennies or other coins, copper piping/fittings, the use of Copper Sulphate to clear algae, source water, or when water balance problems cause your heater to corrode. It is best to bring a pool water sample to Buds as soon as the staining or discolouration occurs so that appropriate measures can be taken.

Filters should be cleaned or backwashed before adding chemicals to treat metals. Allow chlorine/bromine levels to drop below 1ppm or the chemical may not work effectively. This may risk the water turning cloudy or growing algae, but this is something that can be treated after.

<i>Metal</i>	<i>Stain Colour</i>	<i>Water Colour</i>
Iron	Orange-reddish stain	Yellow/brown
Copper	Blue-green to black stain	Blue/green or black



1. Bring in a water sample to be tested. Always do a bucket test before adding the balancing chemicals to the water. Take a 20L bucket and fill it with pool water. Then take one cup of the chemical you want to add to the pool and dump it into the bucket. If the water changes colour in the bucket ***DO NOT*** add the chemical to the pool. If nothing happens it is safe to add the chemical to the pool.
2. Add 150 ml of **STAIN PREVENT** per 10 000 L of pool water if the metal reading is above 1 ppm. Add **STAIN PREVENT** in an area of the pool with the best circulation or areas closer to the stains.
3. Add required amount of **STAIN FREE** to the pool to remove any staining on the surface of the pool.
4. Brush stains daily. **DO NOT SHOCK THE POOL!**
5. Three days after the addition of **STAIN PREVENT**, add a maintenance treatment of **POOL SPARKLE, CLARIFYING TABLETS** or **CLEAR & PERFECT**.
6. One week after adding **STAIN PREVENT**, return to Buds for another water test. If the metal has been stabilized, we can proceed with bringing the sanitizer level back up.

- If the stain is not treated almost immediately, it is inevitable that some stains will become permanent.
- If it is determined by water analysis that there is no presence of metals in the water, this staining could be organic (caused by elements of nature), or that the metal has come out of solution. Proceed with the same treatment in attempt to remove stains and brushing daily or after your weekly shock treatment. This stain may lift over time through daily brushing and regular shock treatments.
- It is recommended to add 30 ml of **STAIN PREVENT** per 10 000L of pool water on a weekly basis, especially to pools with heaters and salt chlorinators, in order to prevent against metal presence and staining.