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Manufacturers of Energy and Resource Saving Products

What is meant by a balanced pool?

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- Almost all issues relating to the premature degradation of a swimming pool cover or swimming pool equipment can be traced back to incorrect chemical levels within the swimming pool.
- A well-balanced pool will ensure the optimal lifespan for the swimming pool cover material. The cover should be removed when shock dosing (super chlorinating) the pool to avoid premature degradation and only replaced over the water once the pool has been restored to balance and is within the industry standards for a safe and healthy swimming pool.
- By keeping the pool water within these parameters, the swimming pool cover material will meet or even exceed its expected lifespan.

What is meant by a balanced pool?

Pool chemical	Balance range
Salt (for salt chlorinators) yes it is still chlorine!	2500-4000ppm
Stabilizer	Dependent on chlorine demand
Free Chlorine (FC)	2.0-4.0ppm
Combined Chlorine (CC)	< 0.2ppm
Total Chlorine (TC)	$TC = FC + CC$
Potential Hydrogen (pH)	7.2-7.8pH
Total alkalinity	80-120ppm
Calcium Hardness	150-400ppm
Total dissolved solids	< 2000ppm
Phosphates	As little as possible
Heavy metals	As little as possible

ppm = parts per million

Pool & Spa Water Chemistry – A testing and treatment guide – Part#2004B © 2003 Taylor technologies, Inc Sparks, Maryland

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Thank you

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