



Swimming Pool- Water Balance Calculations

Desired Change	Amount?	Product?	Dose- 200,000L	Dose 400,000L
Raise Calcium Hardness	+ 10 PPM	Calcium Chloride	2.5kg	5.0 kg
Raise Alkalinity	+ 10 PPM	Sodium Bicarbonate	3.4 kg	6.8 kg
Lower Alkalinity	-10 PPM	Hydrochloric Acid	3.0 lts	6.0 lts
Lower Alkalinity	-10 PPM	Sodium Bisulphate	3.6 kgs	7.2 kgs
Increase Chlorine	+1 PPM	Sodium Hypochlorite	1.6 lts	3.2 lts
Increase Chlorine	+1 PPM	Calcium Hypochlorite	0.3 kgs	0.6 kgs
Decrease Chlorine	-1 PPM	Sodium Thiosulphate	0.2kgs	0.4kgs
Decrease Chlorine	-1 PPM	Sodium Bisulphate	0.3kgs	0.6kgs

Recommended Water Chemistry Levels –Pool and Spa's

- pH 7.2 – 7.8
- Total Alkalinity 90- 110 PPM
- Calcium Hardness 150-400 PPM
- Chlorine (Free) 1.0- 3.0 PPM
- Chlorine (Combined) 0 (0.5 maximum!)
- Cyanuric Acid 30 PPM maximum (outdoor pools only)
- Note- dosing recommendations are estimates only and rates will vary depending on 'your' Water Balance at time of dosing. Please call for further assistance!

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