

Water Chemistry Adjustment Guide

Dosages to Treat Chemical	10,000 Gallons Desired Change		
	1 ppm	5 ppm	10 ppm
Increase Chlorine			
Chlorine Gas	1.3 oz	6.7 oz	13 oz
Calcium Hypochlorite (67%)*	2 oz	10 oz	1.3 lb
Sodium Hypochlorite (12%)	10.7 fl.oz.	1.7 qts	3.3 qts
Lithium Hypochlorite	3.8 oz	1.2 lbs	2.4 lbs
DiChlor (62%)	2.1 oz	10.75 oz	1.3 lbs
DiChlor (56%)	2.4 oz	12 oz	1.4 lbs
TriChlor	1.5 oz	7.5 oz	14 oz

Increase Total Alkalinity	10 ppm	30 ppm	50 ppm
Sodium Bicarbonate	1.4 lbs	4.2 lbs	7.0 lbs
Sodium Carbonate	14 oz	2.6 lbs	4.4 lbs
Sodium Sequicarbonate	1.25 lbs	3.75 lbs	6.25 lbs

Decrease Total Alkalinity	10 ppm	30 ppm	50 ppm
Muriatic Acid (31.4%)	26 fl.oz.	2.4 qts	1 gal
Sodium Bisulfate	2.1 lbs	6.4 lbs	10.5 lbs

Increase Calcium Hardness	10 ppm	30 ppm	50 ppm
Calcium Chloride (100%)	.9 lbs	2.8 lbs	4.6 lbs
Calcium Chloride (77%)	1.2 lbs	3.6 lbs	6.0 lbs

Increase Stabilizer	10 ppm	30 ppm	50 ppm
Cyanuric Acid	13 oz	2.5 lbs	4.1 lbs

Neutralize Chlorine	1 ppm	5 ppm	10 ppm
Sodium Thiosulfate	2.6 oz	13 oz	1.6 lbs
Sodium Sulfite	2.4 oz	12 oz	1.5 lbs

Chemical amounts have been rounded off for convenience. Always follow the instructions on the manufacturer's label for exact amounts.

* **Other** calcium hypochlorite products are available from 47% to 78%.
Remember to follow the label directions for dosage amounts.

(National Swimming Pool Foundation, 2009 Pool & Spa Handbook, Appendix B-2, page 260)