

APPENDIX O

WATER CHEMISTRY ADJUSTMENT GUIDE

These are commonly accepted chemical parameters do not supersede manufacture's instructions.
Always consult product labels for specific directions as to chemical adjustments.

Dosages to Treat	10,000 Gallons			40,000 Liters		
Chemical	Desired Change			Desired Change		
Increase Chlorine	1 ppm	5 ppm	10 ppm	1 mg/L	5 mg/L	10 mg/L
Chlorine Gas	1.3 oz	6.7 oz	13 oz	40 g	200 g	390 g
Calcium Hypochlorite (67%)*	2 oz	10 oz	1.3 lb	63 g	315 g	630 g
Sodium Hypochlorite (12%)	10.7 fl.oz.	1.7 qts	3.3 qts	330 mL	1.36 L	3.3 L
Lithium Hypochlorite	3.8 oz	1.2 lbs	2.4 lbs	110 g	570 g	1.1 kg
Dichlor (62%)	2.1 oz	10.75 oz	1.3 lbs	65 g	320 g	650 g
Dichlor (56%)	2.4 oz	12 oz	1.4 lbs	72 g	360 g	720 g
Trichlor	1.5 oz	7.5 oz	14 oz	44 g	220 g	440 g
Increase Total Alkalinity	10 ppm	30 ppm	50 ppm	10 mg/L	30 mg/L	50 mg/L
Sodium Bicarbonate	1.4 lbs	4.2 lbs	7.0 lbs	670 g	2.0 kg	3.4 kg
Sodium Carbonate	14 oz	2.6 lbs	4.4 lbs	400 g	1.2 kg	2.0 kg
Sodium Sesquicarbonate	1.25 lbs	3.75 lbs	6.25 lbs	600 g	1.8 kg	3.0 kg
Decrease Total Alkalinity	10 ppm	30 ppm	50 ppm	10 mg/L	30 mg/L	50 mg/L
Muriatic Acid (31.4%)	26 fl.oz.	2.4 qts	1 gal	800 mL	2.4 L	4.0 L
Sodium Bisulfate	2.1 lbs	6.4 lbs	10.5 lbs	1.03 kg	3.1 kg	5.15 kg
Increase Calcium Hardness	10 ppm	30 ppm	50 ppm	10 mg/L	30 mg/L	50 mg/L
Calcium Chloride (100%)	0.9 lbs	2.8 lbs	4.6 lbs	402 g	1.2 kg	2.0 kg
Calcium Chloride (77%)	1.2 lbs	3.6 lbs	6.0 lbs	575 g	1.7 kg	2.9 kg
Increase Stabilizer	10 ppm	30 ppm	50 ppm	10 mg/L	30 mg/L	50 mg/L
Cyanuric Acid	13 oz	2.5 lbs	4.1 lbs	400 g	1.2 kg	2 kg
Neutralize Chlorine	1 ppm	5 ppm	10 ppm	1 mg/L	5 mg/L	10 mg/L
Sodium Thiosulfate	2.6 oz	13 oz	26 oz	79 g	395 g	790 g
Sodium Sulfite	2.4 oz	12 oz	1.5 lbs	71 g	356 g	711 g
Chemical amounts have been rounded off for convenience. Always follow the instructions on the manufacturer's label for exact dosage amounts.						
*Other calcium hypochlorite products are available from 47% to 78%. Remember to follow the label directions for dosage amounts.						