



Pool Chemical Dosage Charts

The tables included in this document are provided as a service to our customers to allow you to adjust your pool chemistry yourself. That said, if you do adjust your pool chemistry yourself, we have to warn you that you do so at your own risk. Swimming pool and spa chemicals can be dangerous to your health and even harmful to life and and/or property if not handled with appropriate care, and require special handling and storage methods. The [Ultimate in Pool Care](#) will not be held responsible for any injuries to your health, life, and/or property associated with the use of information in the tables included in this document. Please refer to the special SAFETY CAUTION that follows for more information.

SAFETY CAUTION: Swimming pool and spa chemicals can be dangerous to your health and require special handling and storage methods. Before using the information provided in this document, please ensure you review *Safe Storage and Handling of Swimming Pool Chemicals* provided by the United States Environmental Protection Agency (U.S. EPA). This document can be found at <https://www.epa.gov/sites/production/files/2013-11/documents/spalert.pdf>

If you have any questions, please call us at 631-242-2667.

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Table 1: To Lower Alkalinity using Liquid Pool Acid

Reduce By	To Lower Alkalinity using Liquid Pool Acid					
	Pool Volume					
PPM	1000 GAL	5000 GAL	10000 GAL	15000 GAL	20000 GAL	25000 GAL
10	0.26 cup	1.3 cup	1.3 pts	1.95 pts	2.6 pts	3.25 pts
20	0.52 cup	1.3 pts	1.3 qts	1.95 qts	2.6 qts	3.25 qts
30	0.78 cup	1.5 pts	1.95 qts	2.93 qts	3.90 qts	1.22 gal
40	1.04 cup	1.3 qts	2.6 qts	3.9 qts	1.3 gal	1.63 gal
50	1.3 cup	1.63 qts	3.25 qts	1.22 gal	1.63 gal	2.03 gal
60	1.56 cup	1.95 qts	3.9 qts	1.46 gal	1.95 gal	2.44 gal
70	1.82 cup	2.28 qts	1.14 gal	1.71 gal	2.28 gal	2.84 gal
80	1 pt	2.6 qts	1.3 gal	1.95 gal	2.6 gal	3.25 gal
90	1.17 pts	2.93 qts	1.46 gal	2.19 gal	2.93 gal	3.66 gal
100	1.3 pts	3.25 qts	1.63 gal	2.44 gal	3.25 gal	4.06 gal

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Table 2: To Lower Alkalinity using Sodium Bisulphate

To Lower Alkalinity using Sodium Bisulphate						
Reduce By	Pool Volume					
PPM	1000 GAL	5000 GAL	10000 GAL	15000 GAL	20000 GAL	25000 GAL
10	2.5oz	12.8oz	1lb 9oz	2lb 6oz	3lb 3oz	4.00lbs
20	5oz	1lb 9oz	3lbs 3oz	4lbs 13oz	6lb 7oz	8.0lb
30	7oz	2lb 7oz	4lb 13oz	7lb 3oz	9lb 10oz	12.00lb
40	11oz	3lb 3oz	6lb 6oz	9lb 10oz	12lb 15oz	16lb
50	13oz	4.0lb	8.0lb	12.0lb	16.0lb	20.00lb
60	15oz	4lb 13oz	9lb 10oz	14lb 6oz	19lb 4oz	24.00lb
70	1.2lb	5lb 10oz	11lb 4oz	16lb 13oz	22lb 6oz	28.00lb
80	1lb 4oz	6lb 6oz	12lb 13oz	19lb 3oz	25lb 8oz	32.00lb
90	1lb 7oz	7lb 4oz	14lb 8oz	21lb 10oz	28.00lb	36.00lb
100	2.5oz	12.8oz	1lb 9oz	2lb 6oz	3lb 3oz	4.00lbs

Table 3: To Raise Alkalinity using Sodium Bicarbonate

To Raise Alkalinity using Sodium Bisulphate						
Increase By	Pool Volume					
PPM	1000 GAL	5000 GAL	10000 GAL	15000 GAL	20000 GAL	25000 GAL
10	0.15lbs	0.75lbs	1.5lbs	2.25lbs	3.0lbs	3.75lbs
20	0.3lbs	1.5lbs	3.0lbs	4.5lbs	6.00lbs	7.5lbs
30	0.45lbs	2.25lbs	4.5lbs	6.75lbs	9.00lbs	11.25lbs
40	0.60lbs	3.00lbs	6.00lbs	9.00lbs	12.00lbs	15.00lbs
50	0.75lbs	3.75lbs	7.50lbs	11.25lbs	15.00lbs	18.75lbs
60	0.90lbs	4.50lbs	9.00lbs	13.00lbs	18.00lbs	22.50lbs
70	1.05lbs	5.25lbs	10.5lbs	15.75lbs	21.00lbs	22.65lbs
80	1.20lbs	6.00lbs	12.00lbs	18.00lbs	24.00lbs	30.00lbs
90	1.35lbs	6.75lbs	13.5lbs	20.25lbs	27.00lbs	33.75lbs
100	1.5lbs	7.50lbs	15.00lbs	22.50lbs	30.00lb	37.50lbs

Table 4: To Raise Calcium Hardness using Calcium Chloride Dihydrate

To Raise Calcium Hardness using Calcium Chloride Dihydrate						
Increase By	Pool Volume					
PPM	1000 GAL	5000 GAL	10000 GAL	15000 GAL	20000 GAL	25000 GAL
10	2oz	10oz	1lb 4oz	1lb 14oz	2lb 8oz	3lb 2oz
20	4.0oz	1lb 4oz	2lb 8oz	3lb 12oz	5.0lb	6lb 4oz
30	6oz	1lb 14oz	3lb 12oz	5lb 10oz	7lb 8oz	9lb 6oz
40	8oz	2lb 8oz	5lb	7lb 8oz	10lb	12lb 8oz
50	10oz	3lb 2oz	6lb 4oz	9lb 6oz	12lb 8oz	15lb 10oz
60	12oz	3lb 12oz	7lb 8oz	11lb 4oz	15lb	18lb 12oz
70	14oz	4lb 6oz	8lb 12oz	13lb 2oz	17lb 8 oz	21lb 14oz
80	1lb	5lb	10lb	15lb	20lb	25lb
90	1lb 2oz	5lb 10oz	11lb 4oz	11lb 4oz	16lb 4oz	22lb 8oz
100	1lb 4oz	6lb 4oz	12lb 8oz	18lb 12oz	25lb	31lb 4oz

Table 5: Super Chlorination for Removal of Green Algae

To Raise Calcium Hardness using Calcium Chloride Dihydrate						
CaCl ₂ · 2H ₂ O Percentage	Pool Volume					
	1000 GAL	5000 GAL	10000 GAL	15000 GAL	20000 GAL	25000 GAL
Granular 65%	6.71oz	1.93lbs	3.85lbs	5.77lbs	7.70lbs	10.5lbs
Di Chlor 56%	7oz	2.09lbs	4lb 4oz	6lb 6oz	8lb 8oz	10lb 10oz
Sodium Hypo 12.5%	1.00qts	1.25gal	2.50gal	3.75gal	5.0gal	6.25gal

NOTE: NEVER ADD POWDERED CHLORINE DIRECTLY INTO A LINER POOL: MIX FIRST IN A BUCKET.

Table 6: Daily Chlorination Addition to Introduce 3.0 PPM

Daily Chlorination Addition to Introduce 3.0 PPM						
Chlorine Percentage	Pool Volume					
	1000 GAL	5000 GAL	10000 GAL	15000 GAL	20000 GAL	25000 GAL
Granular 65%	0.6oz	3.0oz	6.0oz	9.0oz	12.0oz	15.0oz
Di Chlor 56%	0.70oz	3.3oz	6.6oz	10.0oz	13.2oz	16.5oz
Sodium Hypo 12.5%	3.21 floz	1.0 pint	2.0 pints	3.0 pint	4.0 pint	5.1 pint

Table 7: To Raise Chlorine Stabilizer Level using Cyanuric Acid

To Raise Chlorine Stabilizer Level using Cyanuric Acid						
Increase By PPM	Pool Volume					
	1000 GAL	5000 GAL	10000 GAL	15000 GAL	20000 GAL	25000 GAL
10	1.3oz	6.5oz	13oz	19.5oz	26oz	32.5oz
20	2.6oz	13oz	26oz	39oz	52oz	65oz
30	3.9oz	19.5oz	39oz	58.5oz	78oz	97.5oz
40	5.2oz	26oz	52oz	78oz	104oz	130oz
50	41.6oz	32.5oz	65oz	97oz	130oz	162.5oz