Two Part Calcium and Alkalinity
Calculated Solutions and Dosings

Solution Formulas

Calcium Chloride (grams)	Onces	Grams per ml in Solution	Grams per Once in Solution	Comments
500	128	0.132	3.9	From Receipt
375	96	0.132	3.9	Actual Mixed
125	32	0.132	3.9	
50	13	0.132	3.9	

Alkalinity Baked Baking Soda (grams)	Onces	Grams per ml in Solution	Grams per Once in Solution	Comments
594	128	0.157	4.6	From Receipt
446	96	0.157	4.6	Actual Mixed
297	64	0.157	4.6	
149	32	0.157	4.6	

Calcium Reef Advantage (grams)	ml	Grams per ml in Solution	Grams per Once in Solution	Comments
20	600	0.033	0.99	Personal Use (20/600)
40	600	0.067	1.97	Possible - Never Used (40/600)

Alkalinity Reef Builder (grams)	ml	Grams per ml in Solution	Grams per Once in Solution	Comments
20	600	0.033	0.99	Personal Use (20/600)
40	600	0.067	1.97	Not Recommended - Too Much Precipitated

Balanced Ratios		Comments
Alkalinity	Calcium	
5	396	
6	403	
7	410	Minimum Alkalinity Value
8	417	
9	424	
10	432	
11	438	Max Alkalinity Value

Maintenance Dosages

Tank	Increase	Calcium Chloride (Dry)	Calcium Chloride (Solution)	
gallons	ppm	grams	onces	ml
16	3.5	0.58	0.15	4.4
100	3.5	3.65	0.94	27.7

Tank	Increase	Alkalinity Baked Baking Soda (Dry)	Alkalinity Baked Baking Soda (Solution)	
gallons	dkh	grams	onces	ml
16	0.61	0.69	0.15	4.4
100	0.61	4.31	0.93	27.5

Corrective Dosages

Tank	Increase	Calcium Reef Advantage (Dry)	Calcium Reef Advantage (Solution)	
gallons	ppm	grams	onces	ml
16	3.5	0.532	0.54	16.0
20	3.5	0.665	0.67	20.0

Tank	Increase	Alkalinity Reef Builder (Dry)	Alkalinity Reef Builder (Solution)	
gallons	dkh	grams	onces	ml
16	0.61	1.11	1.13	33.4
90	0.61	6.26	6.34	187.8

Notes:
20 drops = 1ml
1 ounce [US, liquid] = 29.6 milliliter
Alkalinity/Calcium Balance = 432ppm/10dkh
Daily Balanced Dose = 3.5ppm Ca per 0.5dkh Alk