

# PURE MINERALS™

## Welcome to PURE MINERALS™



### PURE MINERALS™ ULTRA BLEND™

Pure Minerals Ultra Blend™ is a specially formulated one-step mineral blend of magnesium, salt and borates that work harmoniously to enhance the pool water.

#### DOSAGE RATES IF SALT DEMAND IS KNOWN

Multiply salt demand as follows:

Salt Demand (kg) x 1.25 = Quantity of Pure Minerals Ultra Blend™ to add in kg.

For example, Salt Demand: 100kg

Pure Minerals Ultra Blend™ to add =  $100 \times 1.25 = 125\text{kg}$

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#### MAGNESIUM HARDNESS TARGET

When conditioning the pool water with Pure Minerals, the target Magnesium Hardness level is 600-800ppm (based on a Salinity target of 4,000ppm).

Magnesium Hardness can be tested with LaMotte Spin Disk 801, or LaMotte Insta-test Magnesium.



<b>2,000ppm Target</b>		<b>Pure Minerals Ultra Blend™ Dosage - Add in kg</b>								
Current Salinity (ppm)	10,000 L	20,000 L	30,000 L	40,000 L	50,000 L	60,000 L	70,000 L	80,000 L	90,000 L	100,000 L
0	25	50	75	99	124	149	174	199	224	248
500	19	37	56	75	93	112	130	149	168	186
1,000	12	25	37	50	62	75	87	99	112	124
1,500	6	12	19	25	31	37	43	50	56	62
2,000	0	0	0	0	0	0	0	0	0	0

<b>2,000ppm Target</b>		<b>Salt Only Dosage - Add in kg</b>								
Current Salinity (ppm)	10,000	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000
0	20	40	60	80	100	120	140	160	180	200
500	15	30	45	60	75	90	105	120	135	150
1,000	10	20	30	40	50	60	70	80	90	100
1,500	5	10	15	20	25	30	35	40	45	50
2,000	0	0	0	0	0	0	0	0	0	0

<b>2,500ppm Target</b>		<b>Pure Minerals Ultra Blend™ Dosage - Add in kg</b>								
Current Salinity (ppm)	10,000 L	20,000 L	30,000 L	40,000 L	50,000 L	60,000 L	70,000 L	80,000 L	90,000 L	100,000 L
0	31	62	93	124	155	186	217	248	280	311
500	25	50	75	99	124	149	174	199	224	248
1,000	19	37	56	75	93	112	130	149	168	186
1,500	12	25	37	50	62	75	87	99	112	124
2,000	6	12	19	25	31	37	43	50	56	62
2,500	0	0	0	0	0	0	0	0	0	0

<b>2,500ppm Target</b>		<b>Salt Only Dosage - Add in kg</b>								
Current Salinity (ppm)	10,000	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000
0	25	50	75	100	125	150	175	200	225	250
500	20	40	60	80	100	120	140	160	180	200
1,000	15	30	45	60	75	90	105	120	135	150
1,500	10	20	30	40	50	60	70	80	90	100
2,000	5	10	15	20	25	30	35	40	45	50
2,500	0	0	0	0	0	0	0	0	0	0

<b>3,000ppm Target</b>		<b>Pure Minerals Ultra Blend™ Dosage - Add in kg</b>								
Current Salinity (ppm)	10,000 L	20,000 L	30,000 L	40,000 L	50,000 L	60,000 L	70,000 L	80,000 L	90,000 L	100,000 L
0	37	75	112	149	186	224	261	298	335	373
500	31	62	93	124	155	186	217	248	280	311
1,000	25	50	75	99	124	149	174	199	224	248
1,500	19	37	56	75	93	112	130	149	168	186
2,000	12	25	37	50	62	75	87	99	112	124
2,500	6	12	19	25	31	37	43	50	56	62
3,000	0	0	0	0	0	0	0	0	0	0

<b>3,000ppm Target</b>		<b>Salt Only Dosage - Add in kg</b>								
Current Salinity (ppm)	10,000	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000
0	30	60	90	120	150	180	210	240	270	300
500	25	50	75	100	125	150	175	200	225	250
1,000	20	40	60	80	100	120	140	160	180	200
1,500	15	30	45	60	75	90	105	120	135	150
2,000	10	20	30	40	50	60	70	80	90	100
2,500	5	10	15	20	25	30	35	40	45	50
3,000	0	0	0	0	0	0	0	0	0	0

<b>3,500ppm Target</b>		<b>Pure Minerals Ultra Blend™ Dosage - Add in kg</b>								
Current Salinity (ppm)	10,000 L	20,000 L	30,000 L	40,000 L	50,000 L	60,000 L	70,000 L	80,000 L	90,000 L	100,000 L
0	43	87	130	174	217	261	304	348	391	435
500	37	75	112	149	186	224	261	298	335	373
1,000	31	62	93	124	155	186	217	248	280	311
1,500	25	50	75	99	124	149	174	199	224	248
2,000	19	37	56	75	93	112	130	149	168	186
2,500	12	25	37	50	62	75	87	99	112	124
3,000	6	12	19	25	31	37	43	50	56	62
3,500	0	0	0	0	0	0	0	0	0	0

<b>3,500ppm Target</b>		<b>Salt Only Dosage - Add in kg</b>								
Current Salinity (ppm)	10,000	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000
0	35	70	105	140	175	210	245	280	315	350
500	30	60	90	120	150	180	210	240	270	300
1,000	25	50	75	100	125	150	175	200	225	250
1,500	20	40	60	80	100	120	140	160	180	200
2,000	15	30	45	60	75	90	105	120	135	150
2,500	10	20	30	40	50	60	70	80	90	100
3,000	5	10	15	20	25	30	35	40	45	50
3,500	0	0	0	0	0	0	0	0	0	0

<b>4,000ppm Target</b>		<b>Pure Minerals Ultra Blend™ Dosage - Add in kg</b>								
Current Salinity (ppm)	10,000 L	20,000 L	30,000 L	40,000 L	50,000 L	60,000 L	70,000 L	80,000 L	90,000 L	100,000 L
0	50	99	149	199	248	298	348	398	447	497
500	43	87	130	174	217	261	304	348	391	435
1,000	37	75	112	149	186	224	261	298	335	373
1,500	31	62	93	124	155	186	217	248	280	311
2,000	25	50	75	99	124	149	174	199	224	248
2,500	19	37	56	75	93	112	130	149	168	186
3,000	12	25	37	50	62	75	87	99	112	124
3,500	6	12	19	25	31	37	43	50	56	62
4,000	0	0	0	0	0	0	0	0	0	0

<b>4,000ppm Target</b>		<b>Salt Only Dosage - Add in kg</b>								
Current Salinity (ppm)	10,000	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000
0	40	80	120	160	200	240	280	320	360	400
500	35	70	105	140	175	210	245	280	315	350
1,000	30	60	90	120	150	180	210	240	270	300
1,500	25	50	75	100	125	150	175	200	225	250
2,000	20	40	60	80	100	120	140	160	180	200
2,500	15	30	45	60	75	90	105	120	135	150
3,000	10	20	30	40	50	60	70	80	90	100
3,500	5	10	15	20	25	30	35	40	45	50
4,000	0	0	0	0	0	0	0	0	0	0

<b>5,000ppm Target</b>		<b>Pure Minerals Ultra Blend™ Dosage - Add in kg</b>								
Current Salinity (ppm)	10,000 L	20,000 L	30,000 L	40,000 L	50,000 L	60,000 L	70,000 L	80,000 L	90,000 L	100,000 L
0	62	124	186	248	311	373	435	497	559	621
500	56	112	168	224	280	335	391	447	503	559
1,000	50	99	149	199	248	298	348	398	447	497
1,500	43	87	130	174	217	261	304	348	391	435
2,000	37	75	112	149	186	224	261	298	335	373
2,500	31	62	93	124	155	186	217	248	280	311
3,000	25	50	75	99	124	149	174	199	224	248
3,500	19	37	56	75	93	112	130	149	168	186
4,000	12	25	37	50	62	75	87	99	112	124
4,500	6	12	19	25	31	37	43	50	56	62
5,000	0	0	0	0	0	0	0	0	0	0

<b>5,000ppm Target</b>		<b>Salt Only Dosage - Add in kg</b>								
Current Salinity (ppm)	10,000	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000
0	50	100	150	200	250	300	350	400	450	500
500	45	90	135	180	225	270	315	360	405	450
1,000	40	80	120	160	200	240	280	320	360	400
1,500	35	70	105	140	175	210	245	280	315	350
2,000	30	60	90	120	150	180	210	240	270	300
2,500	25	50	75	100	125	150	175	200	225	250
3,000	20	40	60	80	100	120	140	160	180	200
3,500	15	30	45	60	75	90	105	120	135	150
4,000	10	20	30	40	50	60	70	80	90	100
4,500	5	10	15	20	25	30	35	40	45	50
5,000	0	0	0	0	0	0	0	0	0	0

<b>6,000ppm Target</b>		<b>Pure Minerals Ultra Blend™ Dosage - Add in kg</b>								
Current Salinity (ppm)	10,000 L	20,000 L	30,000 L	40,000 L	50,000 L	60,000 L	70,000 L	80,000 L	90,000 L	100,000 L
0	75	149	224	298	373	447	522	596	671	745
500	68	137	205	273	342	410	478	547	615	683
1,000	62	124	186	248	311	373	435	497	559	621
1,500	56	112	168	224	280	335	391	447	503	559
2,000	50	99	149	199	248	298	348	398	447	497
2,500	43	87	130	174	217	261	304	348	391	435
3,000	37	75	112	149	186	224	261	298	335	373
3,500	31	62	93	124	155	186	217	248	280	311
4,000	25	50	75	99	124	149	174	199	224	248
4,500	19	37	56	75	93	112	130	149	168	186
5,000	12	25	37	50	62	75	87	99	112	124
5,500	6	12	19	25	31	37	43	50	56	62
6,000	0	0	0	0	0	0	0	0	0	0

<b>6,000ppm Target</b>		<b>Salt Only Dosage - Add in kg</b>								
Current Salinity (ppm)	10,000	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000
0	60	120	180	240	300	360	420	480	540	600
500	55	110	165	220	275	330	385	440	495	550
1,000	50	100	150	200	250	300	350	400	450	500
1,500	45	90	135	180	225	270	315	360	405	450
2,000	40	80	120	160	200	240	280	320	360	400
2,500	35	70	105	140	175	210	245	280	315	350
3,000	30	60	90	120	150	180	210	240	270	300
3,500	25	50	75	100	125	150	175	200	225	250
4,000	20	40	60	80	100	120	140	160	180	200
4,500	15	30	45	60	75	90	105	120	135	150
5,000	10	20	30	40	50	60	70	80	90	100
5,500	5	10	15	20	25	30	35	40	45	50
6,000	0	0	0	0	0	0	0	0	0	0