

acquatherapé

Maintaining your mineral pool

STEP-BY-STEP GUIDE



Season Start

At the start of the swimming season perform your regular start-up procedures:

1. Check water levels.
2. Check all safety equipment around the pool area.
3. Clean baskets and skimmer boxes.
4. Take a water sample to your **local pool shop** for analysis and make any recommended adjustments.
5. Perform a backwash to clear any debris out of the filter
6. Check for the presence of phosphates and remove with **Phosphate Remover** as soon as possible.
7. Check salinity levels are correct (between 4000-5000ppm), refer to the Water Chemistry Parameters guide in this PDF to adjust, as needed.

Regular Seasonal Maintenance

1. When having your water chemistry checked, be sure to tell your pool shop that you have an acquatherapé mineral pool. There are certain readings that they'll need to be aware of.
2. Ensure your **mineral levels are correct** at all times and add **acquatherapé minerals** as required. Most salt chlorinators will have a light that appears on the power pack that will let you know when you are getting low.
3. Visually **check your cell** every month in the swimming season. If you notice any deposits, remove the cell and clean off with a diluted acid solution. Also, check the hardness level and refer to the Water Chemistry Parameters guide if it needs correcting.



Water Testing Special Information

All water test parameters remain as per standard water testing and treatment of a saltwater pool. However, magnesium will cause the hardness reading to appear unusually high. It is imperative that at least once a year a true calcium hardness reading is conducted by your local pool care professional to ensure you have correct calcium balance in your pool.

If starting your acquatherape pool from a new pool, your calcium levels should be around 50-150ppm for a fibreglass pool or 150-500ppm for a concrete pool.

If retrofitting to an existing pool, take a sample of water to a pool shop prior to adding the acquatherape minerals or Transform and make any required adjustments, paying particular attention to the hardness levels to ensure correct levels.



FAQs

The acquatherepé minerals in the bags have clumped together into a solid block, can I still use them?

This usually indicates the minerals have been exposed to air and moisture. The minerals are still good to be used but will take longer to dissolve. Be sure to monitor and brush minerals around the pool as they dissolve. It's always good practice to let the pump run for at least 8 hours after adding minerals to the water

There is white froth on the water surface after adding the minerals, what should I do?

This is normal during the start-up process as the minerals reach equilibrium with the water. It will usually dissipate within a few hours or sometimes overnight with the pump running.

After adding minerals, I've noticed a yellow-ish discolouration on the pool floor. What should I do?

This can be caused by a concentration of minerals that have settled on the bottom of your pool due to insufficient circulation after dosing the minerals. It is recommended to leave pumps running overnight to evenly distribute the minerals. If the discolouration remains, try using an 'All-in-one stain remover'.

I cannot detect chlorine in my pool after adding minerals. What should I do?

Most testing equipment cannot detect chlorine levels accurately due to so much activity occurring in the water during this process. Chlorine is present and effective, however it is recommended to go into 'boost' mode and then monitor your chlorine levels over the next few days after adding minerals, and adjust your normal output level accordingly. Please note: even though sanitiser levels are not detectable, the water is still safe to swim in.

There is white residue occurring at the waterline or in the pool. What should I do?

Water balance is imperative, so regular checks with your pool shop are an important part of maintaining a healthy mineral pool. Always keep your calcium hardness, pH and ALK in the required ranges (see spec table for more info).

Why do I have to add more bags of acquatherepé minerals compared to traditional salt?

The minerals are not chemically equivalent to traditional salt. The hygroscopic nature of Magnesium chloride means that when it is added to the pool, it doesn't deliver the same level of salinity. Whereas salt delivers 1:1 ratio of salinity, magnesium delivers only 0.7:1, therefore more is required.



Water Chemistry Parameters

All measurements PPM*	Free Chlorine*	pH	Total Alkalinity*	Total Hardness* (see note below)	Cyanuric Acid	Ideal Salinity Level*
Ideal For acquatherapé	1 - 3	7.2 - 7.6	80 - 120	300 - 1200	Less than 30	4,000 - 4,500
To Increase	Press Boost	Add Soda Ash (use pH UP)	Add Sodium Bicarbonate (use Alkalinity UP)	Add Calcium Chloride (use Calcium UP)	Add CYA (use UV Blockout)	Add acquatherapé Minerals
To Decrease	N/A	Add acid (use pH DOWN or Liquid Acid)	Add acid (use pH DOWN or Liquid Acid)	Partially drain/refill (or use Calcium Down)	Partially drain/refill	Partially drain/refill

Note for Pool Shop Owners: When testing total hardness in a mineral pool the readings will appear to be very high and it is vitally important for water balance that your 'calcium hardness' is correct. For an accurate test however, please use the hardness test kit or the magnesium spin disk. The test strip is a guide only. Please note: Total Hardness no less than 300 should be achieved.

Maintaining your acquatherapé Mineral levels

If your current Salinity measurement is as shown in the first column of the table below, add the amount of acquatherapé mineral bags according to your pool size. This will bring the minerals up to the correct level. For further validation, please visit our calculators page to specify accurate measurements.

Dosage rate based off salinity measurement

Salinity	10,000L	20,000L	30,000L	40,000L	50,000L	60,000L	70,000L	80,000L	90,000L	100,000L
0 ppm	5	9	14	19	24	28	33	38	42	47
500 ppm	4	8	12	16	21	25	29	33	37	41
1000 ppm	4	7	11	14	18	21	25	28	32	35
1500 ppm	3	6	9	12	15	18	21	24	26	29
2000 ppm	2	5	7	9	12	14	16	19	21	24
2500 ppm	2	4	5	7	9	11	12	14	16	18
3000 ppm	1	2	4	5	6	7	8	9	11	12
3500 ppm	1	1	2	2	3	4	4	5	5	6
4000 ppm	0	0	0	1	1	2	2	2	3	3
4500 ppm	0	0	0	0	0	0	0	0	1	1




Contact Us

We recommend visiting our dealer locator page at www.astralpool.com.au/find-a-dealer to find your closest specialist who will assist you with the ongoing maintenance of your acquatherapé mineral pool.

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