



CRYSTAL WATERS SWIMMING POOL USER GUIDE (POOL ONLY)



Do not add chlorine to a Crystal Waters Pool and Spa Solutions Pool.

Congratulations for selecting the Crystal Waters chlorine and bromine free sanitising system for swimming pools.

Crystal Waters Pool and Spa Solutions is a proven system that is gentle for bathers without any odour or effects associated with traditional harsh chlorine and bromine treatments.

Crystal Waters Pool and Spa Solutions are a wholly owned Australian company employing Australians, for Australians.

We are sure you and your family will enhance your pool experience with the addition of Crystal Waters Pool and Spa Solutions to your pool.

Please take a few moments to read the simple instructions in this user guide and you will soon be enjoying chlorine and bromine free bathing.

Thank you!

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***** Pool Products are NOT suitable if your pool is heated to over 31 degrees. If your Pool is OVER 31 degrees use Crystal Waters Spa Range.**

Crystal Waters is NOT compatible with Ionizers or Nature2 systems***

Why you should make your pool a Crystal Waters Pool

- It contains no chlorine, bromine, lithium or hydrogen peroxide
 - It has no smell
 - It will not cause stinging eyes or itchy skin
 - It is ideal for allergy sufferers
 - It works with all filtration types, delivering exceptional water quality
 - It's a very economical system
 - No equipment changes necessary
 - No electrical required
 - No salt water chlorinator required-
- Simply disconnect before converting to Crystal Waters!**

Crystal Waters Pool and Spa Solutions is a simple 3 step system...

Crystal Waters Pool and Spa Solutions is made up of 3 active ingredients:

Once a week add: 60ml per 10,000 ltrs Crystal Waters Pool Sanitiser

Once every 10 weeks add: 500mls per 10,000 ltrs LoChlor Tropiclear Pool Algaecide

Once a **fortnight** add: 50gms per 10,000 ltrs Crystal Waters Shine

For new users we recommend purchasing a Crystal Waters Pool Start Up Kit...

A Crystal Waters Pool Starter Kit contains everything you need for a chlorine free pool. A Starter Kit includes the following:

- 2.5 Litre Pool Sanitiser
- 2.5 Litre LoChlor Tropiclear Pool Algaecide
- 2 KG Pool Shine
- 500 gms Pool Chlorine Remover
- 3 KG pH Down
- 8 KG pH and Alkalinity Enhancer
- Pool pH, Alkalinity and Calcium Test Strips
- Biguanide and pH Test Kit
- Measuring Jug
- Instructions

It is very easy to convert your existing Pool, or new Pool to a Crystal Waters Pool and Spa Solutions Pool

Using the Crystal Waters Pool and Spa Solutions chlorine and bromine free chemical system, is as easy as process. Say goodbye to nasty smelly chlorine, which has been bleaching your hair and bathers for years! With Crystal Waters Pool and Spa Solutions you will have no more sore eyes, and having to shower after swimming in your pool.



By following the simple steps below you'll soon be back in your pool!

If you have a Salt Water Chlorinator, please disconnect before using Crystal Waters Pool and Spa Solutions.

1. Add 50gm per 10,000 litres of Crystal waters Chlorine Remover to an existing or newly filled pool. This will eliminate any chlorine present in the pool water. Run filter for 4 hours before proceeding to the next step.
2. Check pH, Alkalinity and Calcium Hardness. The ideal level of pH is 7.2-7.6. The ideal level of Alkalinity is between 60-200ppm and the ideal level of Calcium Hardness is between 80-500ppm.
 - Use Crystal Waters pH Buffer (increases the pH and Alkalinity) or Crystal Waters pH Down (reduces the pH and Alkalinity) if necessary
See full testing procedure on back of bottle.
 - Use Crystal Waters Hardness Increaser to increase Calcium if necessary
3. When pH, Alkalinity and Calcium are correct and have filtered for at least 4 hours, add Crystal Waters Pool Sanitiser at a ratio of 60ml per 10,000 litres.
4. Add LoChlor Tropiclear Pool Algaecide at a ratio of 50ml per 10,000 litres. ****Please note, pool water may foam for a few days after adding LoChlor Tropiclear Pool Algaecide***
. This is normal and the pool is completely safe for bathers.
5. Add Crystal Waters Pool Shine at a ratio of 50gm per 10,000 litres

PLEASE NOTE:

- CRYSTAL WATERS POOL SHINE is only added **FORTNIGHTLY**
- **If your pool is currently green please read 'What if my pool is already green with algae?' below.**

Do not add chlorine to a Crystal Waters Pool and Spa Solutions pool.

Testing for Crystal Waters Pool and Spa Solutions

- pH SHOULD BE MAINTAINED BETWEEN 7.2-7.6.
- TOTAL ALKALINITY SHOULD BE MAINTAINED BETWEEN 60 AND 200PPM.
- HARDNESS LEVELS SHOULD BE BETWEEN 80 AND 500PPM.
- SANITISER SHOULD BE TESTED REGULARLY AND MAINTAINED BETWEEN 1.5-20 PPM

Crystal Waters Pool and Spa Solutions Troubleshooting

Cloudy Water

If your pool is cloudy, follow these simple steps for a crystal clear pool:

1. **Water Balance**
 - Check and adjust pH to between 7.2-7.6
 - Check and adjust Alkalinity to between 60-200ppm
2. **Remove chlorine in pool water**
 - If water has a brown appearance it means it could be contaminated with chlorine. Add at a ratio of 50 gm per 10,000 litres of Crystal Waters Chlorine Remover
3. **Filtration**
 - Thoroughly clean (or backwash) filtration
4. **Add Crystal Waters Pool Shine**
 - Add Crystal Waters Pool and Spa Solutions Shine at a ratio of 50 gm per 10,000 litres
5. **Operate filter until water is clear**
6. **For heavily clouded water**
 - Heavily clouded water may require flocking or a clarifier to assist in rapid clearing

PLEASE NOTE:

Do not **OVER DOSE** with Crystal Waters Pool and Spa Solutions Sanitiser.
MORE IS NOT BETTER!



Algae Growth

If your pool has Algae, follow these simple steps:

1. **Water Balance**
 - Check and adjust pH to between 7.2-7.6
 - Check and adjust Alkalinity to between 60-200ppm
2. **Filtration**
 - Thoroughly clean (or backwash) filtration
3. **Add Crystal Waters Pool Shine**
 - Add Crystal Waters Pool and Spa Solutions Shine at 100 gm per 10,000 litres
4. **Brush floor and walls to dislodge any algae growth**
5. **Operate filter until water is clear**

PLEASE NOTE:

- The use of **LoChlor Tropiclear Pool Algaecide** will greatly aid in killing stubborn algae
- If pool is heavily infected with algae growth, we recommend clearing the pool with a shock dose of chlorine to clear the water. Then adding Chlorine Remover prior to dosing with the Crystal Waters Pool and Spa Solutions chlorine free system.



What if my Pool is already green with algae?

The most economical way to treat an existing green pool prior to converting to the Crystal Waters Pool system is to follow this process:

1. **Water Balance**
 - Check and adjust pH to between 7.2-7.6
2. **Add “Easy Clear Chlorine”**
 - Add 2KG per 50,000 litres of ‘Easy Clear Chlorine’ premixed in a bucket of water. Distribute evenly throughout the pool
3. **Clean Pool Floor and Walls**
 - Remove all decaying leaves and vegetation from pool floor
 - Brush pool floor and walls to dislodge any algae build up
4. **Filtration**
 - For **sand filters**, run filter on recirculation mode for 24 hours, then change to filter mode and operate filter until water is clear.
Please Note: This may take 2 to 3 days depending on filter size
 - For **cartridge filters**, remove filter element and run filter for 24 hours, then reinstall filter element and operate filter until water is clear.
Please Note: This may take 2 to 3 days depending on filter size.
5. **Vacuum pool floor**
 - Vacuum pool floor to remove any sediment
6. **Add Crystal Waters Pool Chlorine Remover**
 - Once water is clear add crystal Waters Pool Chlorine Remover at 50gms per 10,000 litres and operate filter for at least 4 hours prior to adding Crystal Waters Pool Sanitiser

WHEN ALL ELSE FAILS, TRY THIS FOR TIPS!

- pH should be maintained between 7.2-7.6
- Total Alkalinity should be maintained between 60 and 200ppm
- Hardness levels should be maintained between 80 and 500ppm
- **DO NOT** Overdose on Crystal Waters Pool Sanitiser!
MORE IS NOT BETTER!
- Operate filter 8 hours per day over summer
- **DO NOT** heat pool over 32 degrees
- Regularly brush steps and swim outs to prevent algae growth
- **DO NOT** add chlorine to a Crystal Waters Pool and Spa Solutions pool
- For winterising your pool add LoChlor Tropiclear Pool Algaecide every 10 weeks at the rate of 500ml litre per 10,000 litres
- Pool Sanitiser only needs to be added if the pool is still to be used for swimming

HOW TO WINTERISE YOUR CRYSTAL WATERS POOL

Winterising your Crystal Waters Pool could not be easier!

Step 1: Add Tropiclear Pool Algaecide at 2.5 ltrs per 50,000 ltrs.

- Do not add directly to skimmer box
- Pool may go foamy and cloudy. This is normal and will clear in a day or 2.
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Step 2: Run Filter 2 hours per day. Backwash or clean filter cartridges as needed.

Step 3: Sweep steps and swimouts monthly.

Step 4: Maintain correct water balance, checking monthly.

- Crystal Waters recommends a pool cover be fitted to prevent leaves and debris from entering pool.

Tropiclear will keep your pool algae free for up to 3 months.

Repeat dosage every 3 months.

***IMPORTANT.**

If bathers are swimming then Crystal Waters Sanitiser must be added to the pool.

To re-order:

www.crystalwaterspss.com.au