

DIRECTIONS FOR USE:

BASED ON A 50,000-LITRE POOL

1. Ensure water contains no chlorine.
2. Backwash the filter.
3. Adjust pH to between 7.2-7.6.
4. Ensure pump is running and pour 5L directly to the water inlet flow. Do not pour into the weir.
5. **Preferred addition** – Add an initial dose of 5 Litres and thereafter add 1.25 L per week.
6. **Monthly addition** – or Add 5 Litres every 3-5 weeks as required.

And that's it...So simple, so easy.

HANDY POOL TIPS:

- Step 1:** Total dissolved solids (TDS) to be 400-600.
If higher backwash 1/3rd of pool water and top up.
- Step 2:** Cyanuric acid to be zero. If not then backwash 1/3rd of pool water and top up.
- Step 3:** Total alkalinity to be 80-120. Adjust with Sodium Bicarbonate as per instructions.
- Step 4:** Adjust pH to 7.4. If step 3 carried out wait 24hrs before doing so.
- Step 5:** Ensure Chlorine level is zero. If not test daily. Usually 1-3 days max.
- Step 6:** Add an initial dose of 5L Crystal Blue™ to 50,000L pool water.
- Step 7:** Thereafter add 1.25L Crystal Blue™ weekly (preferred) or 5L every 3-5 weeks as needed.
- Never use copper sulphate algaecides.
 - Never use aluminium based flocculants.
 - Never add chlorine, bromine or "stabilizers".
 - Backwash every 1-2 weeks.
 - Run pool cleaner 4-6 hours in winter and 8-12 in summer.
 - Use municipal water rather than a borehole.
 - Ensure pool is free of dirt, debris & leaves.
 - Brush walls at first signs of algae.



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QUICK & EASY

THE EASIEST POOL SOLUTION TO DATE



CRYSTAL BLUE™

A NEW GENERATION HUMAN FRIENDLY
OXYGEN WATER SANITIZER

CRYSTAL BLUE™

**WATER TREATMENT: BROAD SPECTRUM SANITIZER
FOR SWIMMING POOLS, SPA AND THERAPY POOLS**

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OVERVIEW

Swimming is an enjoyable, healthy activity performed by millions of people worldwide. However with the water in pools kept at a temperature of up to 31°C and each pool user releasing contamination into the water, there is an ideal environment for the development of algae, bacteria, micro-organisms and bio-film.

This means it is essential to employ an effective sanitising product, which controls algae, bacterial and microbial growth.

BACKGROUND & CURRENT METHODS

For more than 130 years, the main disinfection product used in pool water has been Chlorine. The problem with these products is their ability to maintain a clear blue pool all year round. The constant maintenance to ensure water clarity, low chlorine levels and algae blooms is time consuming and tiring work.

The potentially harmful by-products, formed after sanitation, poses health and safety risks, resulting in eye and nasal irritations, asthma, rashes, headaches to mention a few and doubles the risk of certain cancers.*

Additionally chlorine is corrosive to pool equipment and fabric and once discharged is extremely environmentally unfriendly.

* PubMed.gov, Journal of Environmental Sciences, 2008;20(3):372-8, Panyakapo M, Soontornchai S, Paopuree P, Cancer Risk Assessment from Exposure to Trihalomethanes in Tap Water and in Swimming Pool Water,

THE SOLUTION - CRYSTAL BLUE™

Crystal Blue™ is so simple to use. Just one dose a month provides a crystal clear, blue pool all year round. It's that easy! A superior alternative to Chlorine disinfection, that is simpler, no constant maintenance and far healthier and safer for the whole family and environment.

Crystal Blue™ is based on a unique patented formula of highly stabilized hydro-dioxide, a hybrid of hydrogen & oxygen. During sanitation it breaks down into oxygen and water, therefore no dangerous or toxic substances are formed as a by-product of its effectiveness.

In addition, Crystal Blue™ is colourless, odourless and tasteless when used in water. It provides a far more enjoyable pool experience, without red eyes or skin irritation. It is highly effective against green and black algae, bacteria, viruses, fungi and bio-film. Crystal Blue™ is a true eco-friendly product that rejuvenates your body with oxygen.

THE CONCLUSION

The use of Crystal Blue™ will provide a cost effective swimming pool disinfection solution, delivering and maintaining an infection free environment, with none of the drawbacks associated with traditional methods.



CHLORINE VS CRYSTAL BLUE™

Chlorine	Crystal Blue™
Increased disinfection time and more hassle to maintain	So easy to use. Cost saving in additional chemical costs
Produces cancer and toxic forming by-products	Is much less corrosive than chlorine. Does not hydrolyse to form an acid
Is corrosive and unpleasant to handle	Does not form chlorinated by-products
Already banned in certain parts of Europe & the USA	Is rapidly replacing chlorine in many parts of Europe & the USA
pH dependent and very ineffective above pH7	Is not pH dependent
Is ineffective against complex organisms (e.g. cysts & protozoa)	A very broad spectrum kill against complex organisms
Neutralisation required before dumping to the foul drain	No neutralisation required
Cannot be used at temperatures above 35°C, due to the release of chlorine gas	Effective at higher temperatures. Does not disassociate as rapidly as chlorine; no gaseous emissions
Does not remove bio-film	Will remove bio-film where algae & bacteria live
Distinct, unpleasant smell	Odourless
Can irritate users eyes and skin	Irritation free, oxygenates the skin