

THE GREEN SOLUTION
FOR pH BALANCED
SPARKLING CLEAR WATER



PoolProof[™]

Borate Water Harmonizer[™]



POOLPROOF® Borate Water Harmonizer™

*Customers report savings of \$500 per year
with a single application of PoolProof.**

What is PoolProof?

- Premixed pH balanced micro-micellar borate emulsion.
- Contains sodium hexaborate, a borate mineral salt
- Compatible with all materials used in the normal maintenance of swimming pools and can be used in all pools and spas.



What PoolProof does.

Saves on chemicals.

- Enhances chlorine performance & extends chemical life.
- Maintains stable pH – further reducing chemical cost.

Gentle on swimmers.

- Makes skin feel smooth & relieves eye irritation.

Your pool looks amazing!

- Adds a crystalline “Bahamas” sparkle to pool.

Gentle on the environment.

- Only a single application with annual top-up is needed.

How PoolProof saves money.

- By helping to maintain a stable pH, PoolProof reduces the amount of chemicals needed to adjust pH levels.
- PoolProof extends the life of your chemicals and other pool sanitizers, reducing the amount of chemicals needed.
- Only a single application with annual top-up is needed.
- You will save energy costs because using PoolProof allows you to reduce the pump time required to keep your pool clean by up to 40%.

* Chemical usage and pump time reductions vary, but many customers have reported a chemical reduction of 50% and a pump time reduction up to 40%. **Based on a 15,000-gallon pool, the total annual savings could be as much as \$573.**



Frequently Asked Questions

Q: What will PoolProof do to my pool?

A: PoolProof will act as a pH buffer and extend the life of your pool chemicals. It will make the water look clearer and give it a brilliant sparkle, as well as make the whole system work efficiently and properly.

Q: Will PoolProof help me save money?

A: Yes! First of all, PoolProof really makes it much easier to maintain a pool, so there is an immediate labor savings. It buffers the pool in an ideal pH range to make the rest of the pool work properly and efficiently. Most of the chemical work with a pool involves checking for free chlorine and then adjusting the pH with acid or alkali. The pH range is critical because if the pool is too acid, the chlorine does not work well, and you will get red sore eyes and slow dissolution of the concrete and granite as well as corrosion of any metal. If the pool is too alkaline, the chlorine flashes off fast, making it useless or making it really expensive to replace all the time, plus you get more scaling. Another advantage of PoolProof is that it provides protection from forgetfulness or failure to add the chlorine. Say you go on vacation and your auto-chlorinator fails, or maybe you forgot to add your trichlor tabs to your chlor duck. When you get back from vacation, you arrive to a slimy swamp of 'pea soup'-like water. With PoolProof, the chlorine lasts longer and everything else works more effectively so you will probably come home to few or no problems with the pool. With the PoolProof pool, you'll say, "Oh I forgot to add my chlorine," and you add it – no big deal. Without PoolProof you'll say, "Why is my pool green? What in the world has happened?" Then begins a massive and ongoing shock and filtration exercise to remove the "Amazon" from your pool, and you probably can't use it for a couple days.

Q: Can PoolProof be used in pools with UV systems?

A: Yes. PoolProof works great with UV systems (these work normally with a chlorine base or buffer and then the UV is the primary sanitizer). The UV light will not affect the borate because it is an inorganic mineral salt.

Q: Can PoolProof be used in saltwater pools?

A: Yes, and it delivers the major advantage of shorter pump times, lower salt and less corrosion. Saltwater pool pumps must run a lot for the electricity to make chlorine, which is burnt off rapidly by sunlight. PoolProof helps by buffering the pool and extending the life of the chlorine.

Q: When specifically will the pool start the reduction in chlorine?

A: They can reduce chlorine and pump time right away. They can immediately stop their normal shocks and just maintain at low residual level. Also, they will not have to do the huge shocks if they go on vacation and forget to add chlorine, as described above. Algal growth will be very slow instead of instant. And if their pH was high, PoolProof will fix and reduce chlorine loss. If pH is low, PoolProof will fix it to make the chlorine work better and reduce red eye caused by hypochlorous acid.



Q: I have seen a "DANGER" label on another pool product. What about PoolProof?

A: PoolProof is not labeled "Danger" as it is not an eye irritant and has not been shown to cause permanent eye damage like some of the other products. Also, the LD₅₀ value of PoolProof is about 5000 mg per kg body weight, so it is a bit less toxic than table salt.

Q: How fast will the change take place in the pool after the application of PoolProof?

A: In the time it takes to dissolve and circulate or one turn of water, which depends on size of the pump to the pool. Normally, the change will happen within an hour or so, and always in the same day.

Q: How do I know this product will work?

A: Borates have been used in pools for years and there are a lot of recommendations and independent reports on the Internet and many products for sale. The problem with the other borates sold is that they are high-pH and low-solubility solids. As a result, they take a long time to dissolve and can even break pumps and do other damage if added to skimmers. Secondly, they are very high pH (alkali), so after dissolving, you must re-adjust the pool pH by adding lots of concentrated acid. With a pH between 7.2 and 7.8, PoolProof is the first ideal borate (perfect for pools and people), and it comes in a liquid form for absolutely instantaneous dispersion and dissolution.

Q: What are the specific things we must do before adding PoolProof?

A: First, check the pool visually. For example, are the pump and filter working, is the water relatively clean, is the pool operational and visibly safe? In addition to a visual check, we suggest that you measure the pH, free chlorine and stabilizer using test strips. All should be within normal operating range or close to it (pH can be a bit off either way).

Q: Is the performance the same on cold days versus hot days?

A: Yes.

Q: Can you jump in the pool after applying the product?

A: Yes, immediately. This is a major advantage of using PoolProof; however, be sure to follow normal precautionary rules for *other* pool chemicals.

Q: In Florida they do not want us to have too much cyanuric acid in the pool – will PoolProof help?

A: Yes. Cyanuric acid is in the trichlor tablets you use. It helps stop chlorine loss from the water (chlorine stabilizer); however, if you have too much cyanuric acid, you get chlorine lock, which stops the chlorine from properly and quickly killing algae and, more importantly, harmful bacteria (e.g., human pathogenic bacteria from skin, feces and other recontamination). Lower levels of cyanuric acid mean you lose chlorine faster. PoolProof will help; it reduces chlorine loss, keeping it in the water longer so it compensates for the lower cyanuric acid without causing chlorine lock.

Q: What do we do if the pool is already “green” or “slimy”? Will this product correct the pool?

A: No, it will not. The pool needs to be shocked hard with chlorine to burn off all the organic materials and be returned to normal. PoolProof can be added either with the shock or after the pool is returned to normal.

Q: How does PoolProof work vs. a commercially available clarifier?

A: PoolProof is not a clarifier. Clarifiers generally take cloudy water and chemically make the smaller particles larger so they will drop to the bottom or be picked up by the filter. PoolProof does not clarify the water. If the water is already clear, using PoolProof will add a “sparkle” to the water. The sparkle is due to the additional light refraction from the product. Also, PoolProof makes the chlorine work better so fewer bits of organic material are in the water, and it makes calcium and scale more soluble so they are not visible.

Q: Does it work with chlorine and the other non-chlorine products?

A: Yes, it works with all pool chemicals

Q: In a commercial pool, how will PoolProof affect the weekly sanitation code inspections?

A: Sanitation codes measure the availability of free chlorine or other sanitizers. PoolProof helps the chlorine last longer, so it will only impact these inspections in a positive way.

Q: In an indoor pool, will PoolProof help to reduce the chlorine smell in the pool and spa area while still being able to pass the local sanitation code inspection?

A: Yes. The smell is caused by chloramines in the water (chlorine reacted with proteins from skin and urine and other organics). To get rid of the smell, you actually should add more chlorine to burn off the organics and make sure the pH is correct so the system is working efficiently. PoolProof helps the chlorine work better for longer and helps keep the pH where it needs to be.

Q: Will the water in the pool be clear when we take the cover off next year in the spring?

A: Probably, but it depends on other factors like leaves getting under the cover and earthworms getting in during rain. If the pool is closed with a slow dissolving chlorine source and PoolProof, it will look good when it's opened (apart from the solids listed above). This also depends on *when* the pool is opened; the cold will stop algae growth in winter, but if the pool isn't opened until hot weather, there might be some growth by then. As long as the pool is opened when the weather *starts* getting warmer it should be fine.

Q: Should PoolProof be added as soon as the cover comes off the pool, or do we have to wait until the shocking happens?

A: Put it in immediately, which is when it should be shocked anyway. If PoolProof was added already, you will not need to shock hard – just take the free chlorine up to top limit to start.

Q: Will PoolProof: 1) be affected by sand or salt water at the beach, 2) be affected by city water and its additives vs. well water or 3) affect my decking or cement common areas?

A: No to all three questions.

Q: Will PoolProof affect my pool liner or small inflatable pool linings, cement or masonry lining or my fiberglass pool?

A: No. Actually, PoolProof is anti-corrosive and will normally help reduce corrosion stains. In buffering the pool correctly, it will also reduce acid and alkali degradation and make pools last longer.

Q: Will the PoolProof kill my plants and grass around the pool area?

A: No, PoolProof is a micronutrient at the levels used; however, the PoolProof *concentrate* is too strong for grass and citrus in particular, so if you spill any, try to wash it into the pool or dilute it with plenty of water. Pool water in general should not be used for irrigation, as some of the other chemicals in it can kill plants, etc.

Q: Will PoolProof affect the fabric of bathing suits, towels or chairs at the poolside?

A: It should help these fabrics. By reducing the need for regular chlorine shocks, the chlorine level in the pool should always be at minimum safe levels and less likely to damage swimsuits, towels and so forth.



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