

Bio-Active™

cyanuric acid reducer



The solution to excessive cyanuric acid levels has finally arrived. Introducing the world's only organic cyanuric acid reducer!

The wait is finally over! Bio-Active™, a new biological and natural approach, has been proven to reduce cyanuric acid levels by naturally disintegrating it at the molecular level. It won't cause adverse effects on your pool and is also non-toxic, non-polluting and completely biodegradable.





Introduction

Cyanuric Acid is added to swimming pools to stabilize chlorine levels. Without it, chlorine would rapidly dissipate when exposed to the sun's ultra-violet rays. Cyanuric Acid is also known as conditioner or chlorine stabilizer. About 55% of dichlor (powdered chlorine) or trichlor (tablets) is Cyanuric Acid. Over time the use of stabilized chlorine, causes Cyanuric Acid levels to build up making the chlorine less effective in sanitizing pool water. When the concentration exceeds 100 ppm the current management practice is to drain the pool half way and add new water. This wastes water and uses electricity in pumping the water out and refilling it.

Recommended Cyanuric Acid levels

Current industry and government recommendations are to maintain Cyanuric Acid levels at a minimum of 30 ppm (parts per million) at a maximum of 100 ppm. At the lower levels the chlorine is more effective however it dissipates faster; at the higher levels, the chlorine is less effective and dissipates slower.



Bio-Active™ Cyanuric Acid Reducer

Bio-Active™ Cyanuric Acid Reducer works by reducing levels of Cyanuric Acid in swimming pools, maintaining the efficacy of chlorine and other sanitizing products. All Bio-Active™ pool products are all-natural and non-toxic, non-allergenic and non-polluting. Both the Cyanuric Acid and Bio-Active™ are biodegradable resulting in no residue left in the pool after use. Bio-Active™ will not disturb pool chemistry or cause disruption to pool use or water clarity.

Using a unique feedback loop, Bio-Active™ will reduce Cyanuric Acid levels without removing all the stabilizer from the pool when used as directed. In typical applications, Cyanuric Acid levels are reduced to within the recommended target levels.



Product Benefits.

- No need to drain your pool due to high cyanuric acid.
- Eliminates chlorine lock due to high cyanuric acid.
- Allows sanitizer to be effective.
- Advanced biocatalyst technology.
- Nontoxic, nonallergenic, nonpolluting.

8 Ounce

One pouch is great for treating residential size pools up to 25,000 gallons.



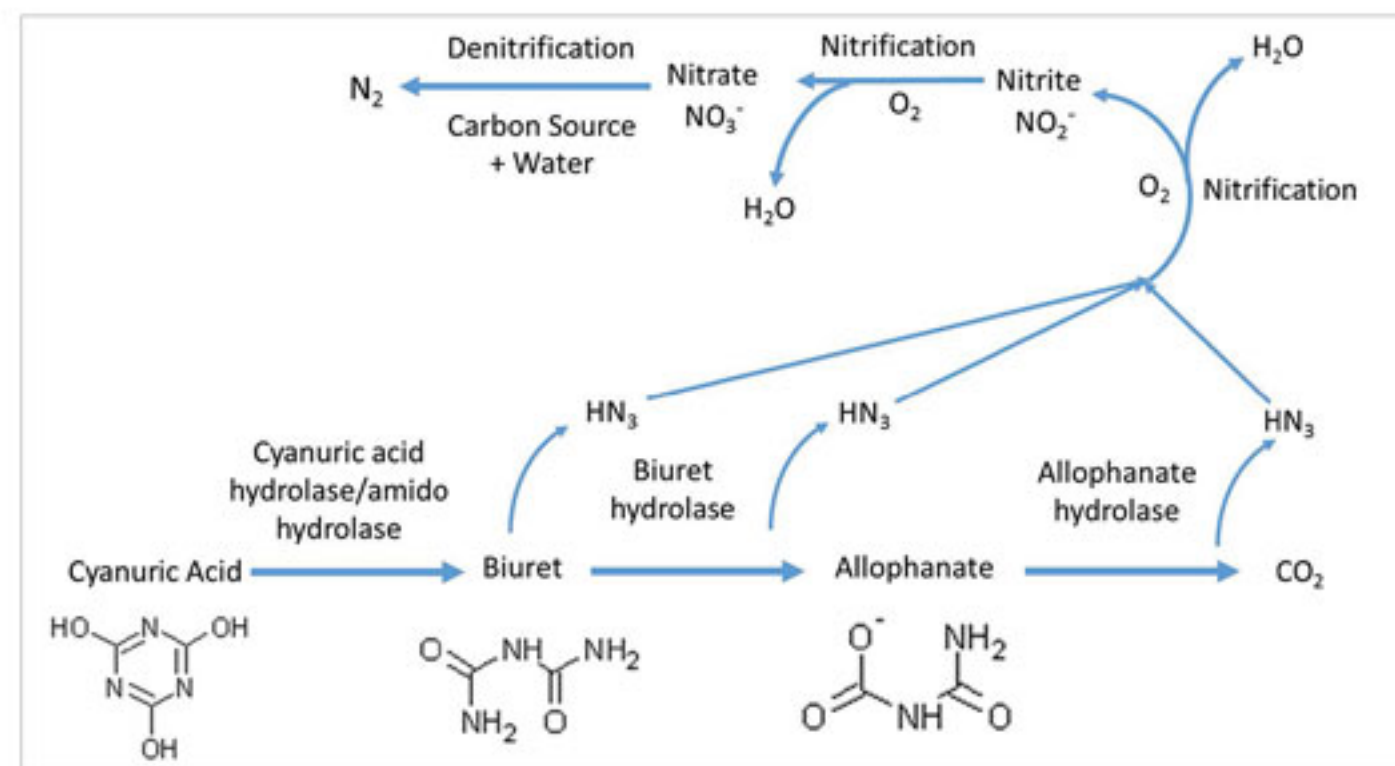
16 Ounce

One pouch is great for treating commercial size pools up to 50,000 gallons.

For larger pools, simply apply more product according to the treatment dosage necessary for the size of your pool.

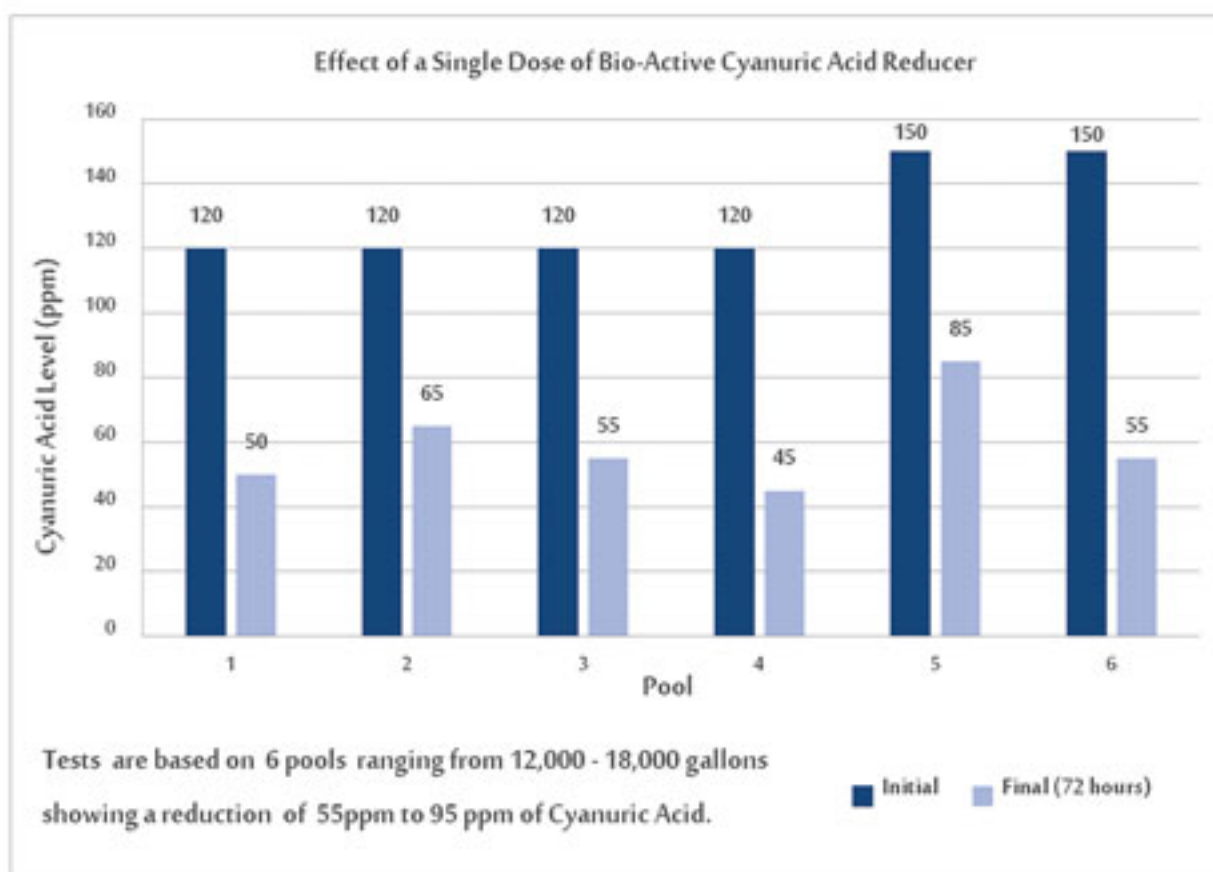
How does Cyanuric Acid Reducer work?

Bio-Active™ is a biological approach to safely and effectively reducing Cyanuric Acid levels in swimming pools. Using powerful catalysts, Bio-Active™ simply accelerates the natural pathways of degradation for Cyanuric Acid resulting in harmless end products that are returned to nature as shown in the diagram at right. Always ensure that adequate sanitizer is maintained in your swimming pool, test water frequently and consult a pool professional.



An all-natural solution.

Bio-Active™ has been designed with a natural feedback loop, where there is adequate sanitizer levels present in the water, Bio-Active™ will reduce Cyanuric Acid levels down to recommended safe levels and then stop working. Pools with Cyanuric Acid levels of 200 ppm or more may require a dosage of more than one pouch of Bio-Active™. In such cases, simply measure your Cyanuric Acid levels 7 days after the initial treatment and apply another treatment to get the required reduction.



Technical Information

CHEMICAL COMPOSITION

Micro-organisms (Biosafety level 1)	0.1%-1.0%
Dextrose (monohydrate)	98.0%-99.1%
Total	100%

PRODUCT USAGE

Suitable for use in commercial and residential pools with minimum cyanuric acid levels of 30 ppm (parts per million) and maximum levels of 300 ppm, Bio-Active™ Cyanuric Acid Reducer works to reduce cyanuric acid levels, thereby maintaining the efficacy of chlorine and other sanitizing products. Recommended for outdoor pools only.

PRODUCT ORIGIN

Distributed in USA by Bio-Active Products, Inc. 42210 Roick Road #10 Temecula, CA 92590
Made in USA by BiOWiSH Technologies, Inc. 2724 Erie Avenue, Suite B Cincinnati, OH 45208

PHYSICAL/CHEMICAL PROPERTIES

- Color Off white
- Odor: Mildly sweet, earthy odor
- pH: 5.19 S.U.
- Specific Gravity: 0.71
- Solubility: Dispersible in water
- Physical State: Powder
- Product Format: 301153 – 225g / 8oz.



PRODUCT DESCRIPTION

Bio-Active™ Cyanuric Acid Reducer contains a proprietary composite biocatalyst blend of all-natural, micro-organism cultures and enzymes in a nutrient powder. Unlike the use of treatments that can leave residual chemicals in the pool, this product works to safely reduce cyanuric acid levels in swimming pools using a natural biological process. The product also leaves no harmful, or unsightly residue to affect bathers, plumbing, or the environment and is completely biodegradable. Precautions: There are no known dangers involved with the use or physical contact of this product. If eye contact with the powder occurs, flush with water for several minutes. Keep away from children and pets. Store in a cool dry place and avoid exposure to water or moisture until application. Chlorine levels should be below 5 ppm with 2 ppm to 3 ppm being ideal at the time of application and for the week following the application. The ideal water temperature range for use is 65° F to 105° F (18°C to 41°C). Ingredients: Dextrose and Active microbial cultures (Biosafety Level 1).

APPLICATION

Pour the contents of this pouch directly into the skimmer while the pump is running. Continue running the pump for four hours. Thereafter run the pump at least 4 hours per day for the next week. If your pool does not have a skimmer, premix the contents of the pouch with 5 gallons of water, allow to dissolve, and distribute the mix water into the pool. Run the pump as previously directed. The product will operate for up to 10 days. Always ensure that adequate sanitizer levels are maintained in your water, test water frequently and consult a pool professional. Recommended for use on outdoor pools only.

STORAGE AND HANDLING

The product is sold in food grade metallized polyethylene bonded film bags and has a three-year shelf life (when stored in a dry place away from direct sunlight).

SAFETY

The product is non-toxic and safe for everyday use. Ineffectiveness or other unintended consequences may result from, but are not limited to, product misuse or management practices. All such risks shall be assumed by Buyer and User. To download Material Safety Data Sheet, Hazards Identification and First Aid Information, please visit www.bioactivenow.com.

