

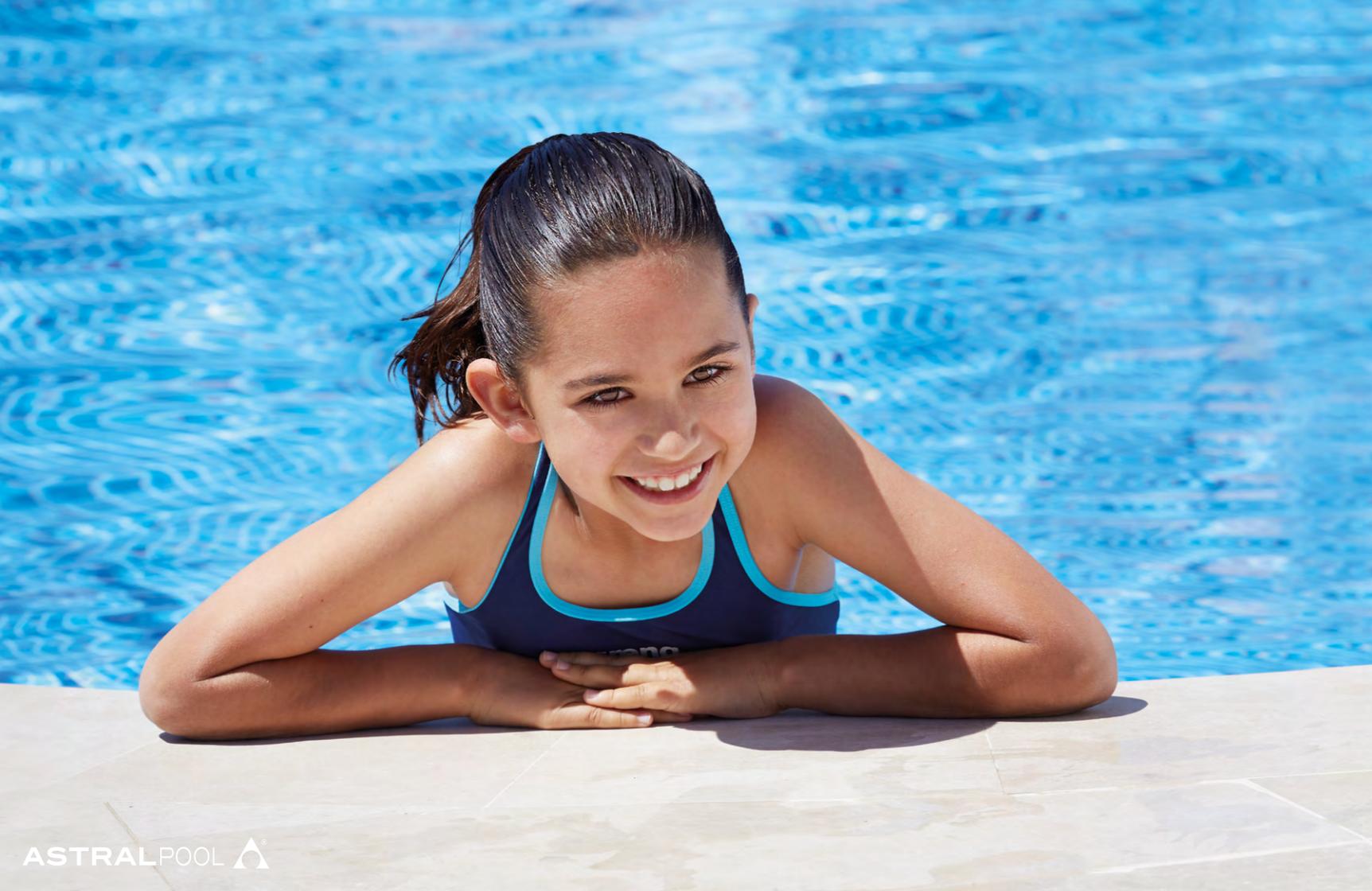
***Your pool care
starts here!***

RELAUNCH



ASTRALPOOL





REDESIGN OF LABEL

Astralpool's line of swimming pool chemicals is divided into two categories.

MAINTENANCE:

Because prevention is the best solution, Astralpool offers a wide range of maintenance products to care for your pool.

SOLUTION:

Astralpool offers a wide range of products to resolve any issue you might have with the water in your pool.

Product range

Name (description)

Product type

Capacity

Format

Application



PRODUCT FAMILIES



BALANCE



DISINFECTION



ALGAECIDE



FLOCCULANT



COMPLÉMENTS



WINTER CARE

DESCRIPTION OF ICONS



FORMAT



DISPENSER



TYPE OF POOL



DURATION

1 TABLET
30 m³

DOSE

PRACTICAL TIPS FOR MAINTAINING YOUR POOL

Water is clean when it is balanced. This table shows the levels for the correct maintenance of your pool. Ideal levels and AstralPool products used to keep your pool balanced.

PARAMETERS	WHAT IS THIS?	WHEN TO TEST	IDEAL RANGE	ASTRALPOOL SOLUTION FOR ADJUSTING LEVELS
pH	Measures the acidity of the water	Twice a week	7,2 - 7,6	pH Minus or pH Plus
Free residual chlorine	The amount of active chlorine in the water	Daily	De 0,5 to 2 ppm	Chlorine disinfectants
Total alkalinity (TA)	The ability of the water to maintain an appropriate pH level	Once a week	de 100 to 175 ppm	Alkalinity booster
Calcium hardness (CH)	The amount of dissolved calcium in the water	Once a week	de 175 to 300 ppm	Super descaler
Cyanuric acid stabilizer (CYA)*	Measures the chlorine's ability to protect itself from the sun's ultraviolet rays (these rays reduce the chlorine in the pool water)	Twice a week	Ideal range: 30 to 50 ppm. Not to exceed 75 ppm	Chlorine stabilizer

FILTRATION AND CIRCULATION

Adequate circulation and filtration must be maintained to ensure the efficient distribution of the product.

FILTER MAINTENANCE

- **Sand filters:** backwash to rinse the filter. When the pressure is higher than 0.5 kg/cm², it's time to backwash.
- **Diatomite filters:** follow the instructions that come with the filter for backwashing.
- **Cartridge filter:** clean the filter following the instructions that come with the filter.

WATER CIRCULATION

- Make sure all equipment is working properly.
- Turn on the pump and filter for at least 8 to 10 hours per day.
- Clean the filter with chemicals at least twice per season.
- Clean skimmers and strainers (on pump) to remove hair and lint.

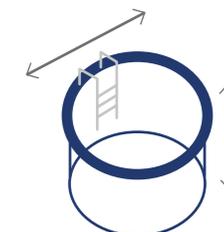
MEASURING YOUR POOL'S CAPACITY

It's important to know your pool's capacity before applying any chemical treatments. If you do not know your pool's capacity, simply use the formulas below to calculate the approximate volume.

1 PPM = 1 MG / L = 1 GR/M3

CIRCULAR POOL

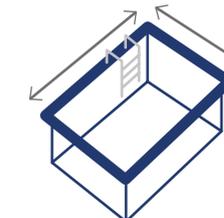
Diameter x Average depth x 0.78 = volume (m3)



RECTANGULAR OR SQUARE POOL

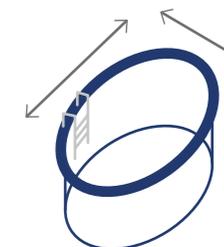
Length (m) x Width (m) x * Average depth (m) = volume (m3)

*(Max. depth + Min. depth) / 2



OVAL POOL

Length (m) x Width (m) x Average depth (m) x OVAL POOL 0.89 = volume (m3)



1

GETTING READY

The swimming season begins, and with it, the desire to enjoy your pool. It's time to get your pool up and running. It's important to follow the proper procedure to avoid problems during the swimming season.



1.1 EXTERIOR CLEANING

The first thing you need to do is clean the pool basin. For this we recommend **Astralpool Gelamin** (in gel form which is easy to apply and adheres well to the surface). It's also important to clean the rest of the pool elements (the cover if you have one, the surrounding area, nozzles, skimmers, etc.).

1.2 INTERIOR CLEANING

Once you've cleaned the exterior, it's time to check the interior of the pool: the pump and the filter. If you have a sand filter and you notice any incrustation on the inside and/or caked sand, you'll need to clean it. For this we recommend **Astralpool Filnet**.



1.3 CLEANING THE WATER

All pools, even if properly winterized, need to be treated to get them ready for the new season.

First of all, fill the pool with water up to the level needed for the filtering system to work properly.

As you are filling the pool, we recommend adding Astralpool Chlorine Shock to prevent the water from degrading. Once the pool is full, there are four steps to get it ready for use:

- 1. Balancing:** You need to control and correct the pH level of the water. You can use **Astralpool pH Plus** or **Astralpool pH Minus** to raise or lower the pH level.
- 2. Disinfection:** Use **Astralpool Chlorine Shock** to apply a shock treatment which eliminates all germs and contaminants.
- 3. Algicide:** Supplement the disinfection by applying an algicide to prevent algaegrowth. We recommend a **Concentrated Algicide**.
- 4. Flocculant:** Another important step is to adjust the dosage of flocculant which helps to clarify the pool water and improve the filter's performance.



2

MAINTENANCE DURING THE SWIMMING SEASON

After start-up, you'll need to keep the pool clean and in perfect condition for swimming.

PROPER MAINTENANCE IS THE BEST SOLUTION

There are six steps to good maintenance:

- 1. Balance:** adjust pH and alkalinity.
- 2. Disinfectant:** add the chosen disinfectant.
- 3. Algicide:** prevent algae.
- 4. Flocculant:** keep the water clean and crystal clear.
- 5. Complements:** clean the pool components.
- 6. Winter Care:** maintain your pool in winter.

First of all, test the water weekly to diagnose the condition of the water in your pool. We recommend **Blue Check** test strips for this purpose. These strips allow you to analyze the basic parameters that determine the condition of the water (pH, alkalinity, free chlorine/bromine, total hardness and cyanuric acid). By controlling these parameters, you can keep your pool water in optimal conditions.

Download the Blue app and enter the test results to determine exactly which products to use.

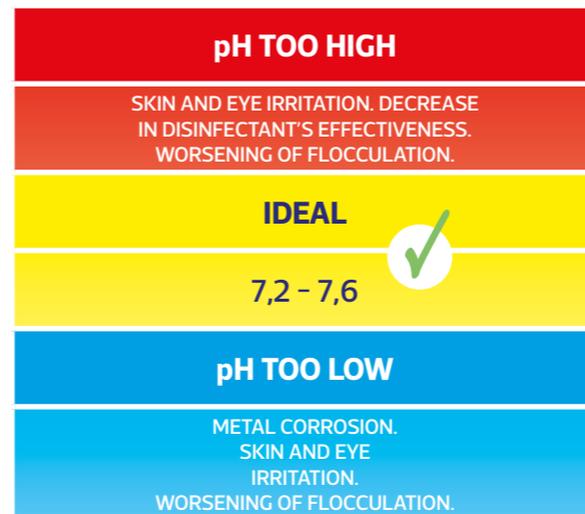


2.1 BALANCE

pH

Regulating the pH level is the first step to healthy, skin-friendly water. Furthermore, when the pH level is not maintained within the ideal range, the rest of the water care steps do not work properly.

If the pH value is not correct the following problems can appear:



MAINTENANCE

ASTRALPOOL PH PLUS
ASTRALPOOL PH MINUS



ALKALINITY

If the pH fluctuates too much, there may be an alkalinity imbalance problem.

SOLUTION

ASTRALPOOL
ALKALINITY
BOOSTER



IDEAL

100 PPM



175 PPM

2.2 DISINFECTION

Swimming pool water provides favorable living conditions for a wide variety of microorganisms. Disinfection eliminates these microorganisms and ensures the hygienic cleanliness of the water.

- Effective disinfection is a prerequisite for hygienically clean water, eliminating and preventing possible germs and cloudiness.
- Continuous disinfection is necessary for the entire swimming season.
- For problems such as algae, cloudiness, viscosity, etc., we recommend additional shock treatments.
- Adjust the level of residual free chlorine, keeping it between 0.5 and 2 ppm.
- If using a different type of disinfectant, maintain the appropriate levels according to the following table:

MAINTENANCE

ASTRALPOOL SLOW CHLORINE



FREE RESIDUAL CHLORINE	0,5 - 2 ppm
ACTIVE OXYGEN (GRANULAR)	5 - 8 mg/l (1 HOUR AFTER ADDITION)
ACTIVE OXYGEN (LIQUID)	15 - 20 ppm
BROMINE	1 - 3 mg/l

2.3 ALGICIDE

The best way to fight algae is to keep them from appearing in the first place.

We recommend applying an algicide weekly, depending on the type of pool. Astralpool offers a wide range of algicides. Ask your pool professional which one is the right one for you.



2.4 FLOCCULANT

Cloudiness can appear in any type of pool. It is caused by the tiny particles suspended in the water.

Flocculation removes the particles suspended in the water that the filter is not able to catch, improving the quality and transparency of the water. Continuous flocculation is necessary throughout the swimming season to keep the water clean and crystal clear. Ask your pool professional which one is the right one for you.



2.5 COMPLEMENTS

Astralpool has a complete range of cleaning products for all pool elements. It is important to keep them clean and free from limescale to avoid rusting.

MAINTENANCE

SOLUTION



ASTRALPOOL SUPER DESCALER

Prevents the formation of limescale and stains.

DURATION



DOSING

80 ml / Per 50 m²



ASTRALPOOL STEP 1: INOX POLISHER

Polishes any stainless steel surface.

DURATION



TIME IMMEDIATE

DOSING



ASTRALPOOL STEP 2: POLISHER

Cleans any stainless steel surface.

DURATION



TIME IMMEDIATE

DOSING



ASTRALPOOL GELAMIN

Cleans the pool basin

DURATION



DOSING

1.5l / 10 m²



ASTRALPOOL NETOLINE

Cleans the waterline

DURATION



TIME IMMEDIATE

DOSING



ASTRALPOOL FILNET

Prevents the formation of limescale and stains.

DURATION



DOSING

1kg / 10L



3

FREQUENT PROBLEMS

Even if the pool is properly maintained, the clean and clear water can sometimes turn cloudy in just a few hours or the stains may appear on the walls. Most of these problems can be easily solved if you know what to do in each case.

3.1 CLOUDY WATER

SYMPTOMS

Cloudy water.

CAUSES

Clouding is caused by the presence of small particles in the water that are not removed by the filter or by oxidation.

TREATMENT

POOR FILTRATION

Check to make sure the filter is working properly and clean it.

SOLUTION

ASTRALPOOL
FILNET



SUSPENDED PARTICLES

Use an AstralPool clarifier/flocculant. These products group the small particles together and push them to the bottom of the pool, where they can be removed by the filter or manual cleaning.

SOLUTION

ASTRALPOOL
CLARITAB PLUS



PREVENTION

POOR FILTRATION:

- Clean the filter regularly:
The filters have a pressure gauge that shows the pressure inside the filter; the higher the pressure, the more dirt builds up. If you have a pressure gauge with a green, yellow and red color scale, it should act as a traffic light. You should backwash when the pressure gauge is in the yellow zone and in any case after 1 week of filtering (every 2 weeks at most). We also recommend washing the filter before and after cleaning the pool manually.

SUSPENDED PARTICLES:

- Use a flocculant for maintenance.
We recommend using **Astralpool Crystal Block** or **Astralpool Flocculant** cartridges weekly.

3.2 ALGAE

SYMPTOMS

Cloudy or green water, slippery surfaces, clogged filters and excessive chemical usage.

CAUSES

Algae can grow due to poor circulation or filtration, improper chemical maintenance, defective cleaning, or environmental influences. Although algae do not cause disease, their presence is unappealing.

GREEN ALGAE

Adheres to the walls and floats freely, thus clouding the water.

MUSTARD ALGAE

Adheres to the walls but does not cloud the water unless physically disturbed. When brushed, takes on the appearance of a fine brown powder.

BLACK ALGAE

Adheres to the walls and is very difficult to remove.

TREATMENT

- Adjust the pH to between 7.2 and 7.6 with **Astralpool pH Minus** or **Astralpool pH Plus**.
- Use **Astralpool AlgiStop** following the instructions for use.

SOLUTION

ALGISTOP



PREVENTION

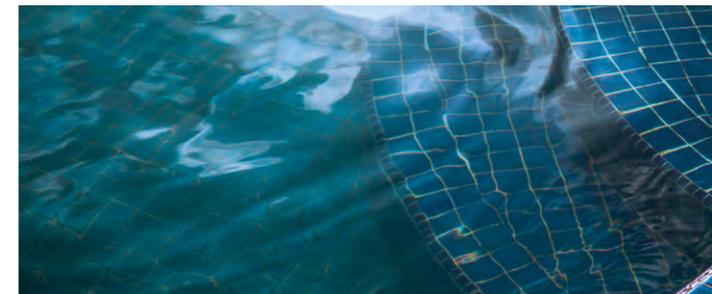
To avoid having to shock the pool and prevent the appearance of algae, use **AstralPool algacide** or a phosphate remover weekly.



3.3 COLORED WATER

SYMPTOMS / CAUSES

Possible causes of colored water include an excess of copper (blue color), iron (yellow/brown color) or manganese (black color).



SOLUTION

ASTRALPOOL CHLORINE SHOCK

SOLUTION

ASTRALPOOL FLOCCULANT



TREATMENT

- Blue/brown/black colored water (excess copper/iron/manganese).
- Adjust the pH to between 7.2 and 7.6 with **pH Minus** or **pH Plus** at least one hour before shock treatment.
- Shock the pool with **Granulated Chlorine Shock** and **Liquid Flocculant**.
- Filter for 24 hours or until the water is clear.
- Thoroughly brush the pool walls and floor.
- Vacuum debris.
- Add **Astralpool Super Descaler**.

PREVENTION

Add weekly **Astralpool Super Descaler**.



3.5 LIMESCALE DEPOSITS

SYMPTOMS

You'll know you have limescale in your pool if you notice white lime deposits on the walls and accessories. These scales can make the walls rough or raspy and can reduce or slow the circulation of water.

CAUSES

Limescale buildup can occur if the pH level is too high.

TREATMENT:

- Empty the pool.
- Use **Astralpool Gelamin** to remove the encrusted limescale.

PREVENTION:

Use **Astralpool Super Descaler** weekly and keep pH at 7.2 - 7.4 (low end of the ideal range).



SOLUTION
ASTRALPOOL GELAMIN



3.6 FOAM FORMATION

SYMPTOMS / CAUSES

The presence of foam in the water is due to the accumulation of tanning oils and lotions, deodorants and cosmetic products.

TREATMENT:

- Use **Astralpool Claritab Plus**.

PREVENTION

When you're expecting many bathers to be using the pool, add **Astralpool Natural Flocculant** weekly to avoid this problem.



SOLUTION
ASTRALPOOL CLARITAB PLUS





3.7 CHLORINE ODOR OR EYE AND SKIN IRRITATION

SYMPTOMS

Have you ever tried to open your eyes underwater and they immediately start to sting or your skin starts to itch? Chlorine odor is a common symptom of a pH imbalance, a high presence of combined chlorine (chloramines) or an excess of total chlorine.

CAUSES

You may have assumed that excess chlorine is the cause, when in fact it is due to a pH imbalance or a low level of free chlorine. Hence, the importance of keeping the water balanced to ensure maximum comfort for swimmers.



TREATMENT

pH IMBALANCE:

Adjust the pH to between 7.2 and 7.6 with **Astralpool pH Minus** or **Astralpool pH Plus**.

HIGH LEVEL OF COMBINED CHLORINE:

- Adjust the pH to between 7.2 and 7.6 with **Astralpool pH Minus** or **Astralpool pH Plus** at least one hour before the shock treatment.
- Do a shock treatment with **Astralpool Chlorine Shock**.

EXCESS OF TOTAL CHLORINE:

- Adjust the pH to between 7.2 and 7.6 with **Astralpool pH Minus** or **Astralpool pH Plus**.
- Eliminate excess chlorine with **Astralpool Chlorine and Bromine Neutralizer**.

PREVENTION:

Keep the basic parameters (pH, chlorine, alkalinity) at the correct levels. Shock the pool and change the water periodically.



SOLUTION

ASTRALPOOL CHLORINE AND BROMINE NEUTRALIZER

ASTRALPOOL CHLORINE SHOCK





ASTRALPOOL 