

REGAL[®]
Pool Care System

**YOUR GUIDE TO
POOL CARE
MADE SIMPLE**



POOL CARE MADE SIMPLE IN 3 EASY STEPS

1. Sanitize

Sanitize your pool with convenient stabilized chlorine. Whether your preference is **Chlorinated Tablets 3"**, or **Dy-Clor II**, Regal® has you covered.



2. Shock-Oxidize

Shock on a routine basis with effective **Re-Fresh®+**, **Super Shockwave™**, or **Super Shock-IT 73®** granules to kill bacteria, destroy algae, and eliminate organic contaminants.



3. Algae Prevention

Safeguard with a quality **Regal® Algaecide** to provide preventative reinforcement, and protect your pool against the threat of troublesome algae.





Regal® Pool Care Products provide everything a pool owner needs to revitalize and maintain their backyard oasis.

Our stabilized sanitizers, shock treatments, and professional-grade algaecides transform laborious pool care into a simple process. With a wealth of top-of-the-line products, Regal® minimizes pool maintenance time and maximizes pool time fun.



Professional Water Analysis

Your **Regal® Dealer** can provide you with a detailed water analysis. They can test for additional levels and identify potential issues. **Be sure to bring your water in for testing at least once each month for full professional analysis.**

REMEMBER: It's crucial to treat the correct amount of water. We recommend using this helpful tool that can calculate the volume of your pool. [Scan QR Code for Pool Volume Calculator.](#)





Regal® Products for everyday pool care!

SANITIZERS

Stabilized chlorine products sanitize your pool water and kill bacteria. Our stabilized chlorine products are protected from sunlight degradation and are an ideal means to keep your pool clear and clean.



SHOCK OXIDIZERS

Shocking the pool on a regular basis is an important step in keeping the pool clear and clean. Swimmers and the environment add waste to the pool that must be eliminated on a regular basis in order to prevent problems such as algae and cloudy water.



ALGAEICIDES

Preventing algae is the key to fun in your pool. Algaecides act as a backup to your normal sanitization program, and prevent algae from growing in the pool. Algaecide should be added after every shock treatment.



BALANCERS

Stablizer:

Stabilizer helps your pool chlorine work more effectively, it helps prevent chlorine loss due to the effect of sunlight.



pH:

pH is the measure of acid and base in the pool water. If the pH of the pool water drifts to the acid side of the scale, corrosion of pool surfaces and equipment can occur. If the pH of the pool water drifts to the base side, scaling, deposits, and cloudy water can occur.

Calcium Hardness:

Calcium Hardness is the amount of dissolved calcium in the pool water. Low calcium hardness levels can cause plaster finish etching and can shorten the life of vinyl liners. High calcium levels can result in calcium deposits on the pool surfaces as well as the pool equipment.



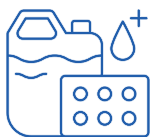
Total Alkalinity:

To prevent the pH from “drifting” or “bouncing” up and down, the proper amount of acid buffers, or total alkalinity, must be maintained in the pool. Low total alkalinity cannot only result in pH bounce and fluctuations, but it can also lead to corrosiveness and the possibility of increased staining. High total alkalinity can also cause the pH to fluctuate, the pool to become cloudy, and possibly cause scaling.



Have a Spa or Hot tub?

Ask your Regal® dealer or hot tub supply store about Life® specialty products, including a full line of hot tub chemicals, water softeners, filter cleaners, waterline cleaners, oil and bather waste removers and clarifiers.



Additional Products

for every maintenance and treatment need!

SUPPLEMENTS

Super Klear Plus:

Concentrated fast-acting water clarifier, compatible with all types of sanitizers.

Super Flocc:

Clears water by dropping particles to the floor for vacuum removal.

Natural Water Clarifier:

4-in-1 product that clears cloudy water quickly, helps prevent stains, eliminates waterline buildup and improves filter efficiency.

Metal Out:

Removes metal stains and scale. Prevents metal staining and scaling of pool surfaces.

Metal Out Concentrate:

Powerful product that removes and prevents staining and scaling of pool finishes. Formulated to also meet the demands of salt chlorine generators and pools with high total dissolved solids (TDS).

No Phos Metal Out:

Concentrated multi-purpose product formulated to prevent staining and scale without contributing to a phosphate level.

Stain Out:

Effectively removes copper, iron & manganese staining. Works on all pool surfaces.

Super Stain Out:

Quickly and effectively removes severe metal staining from pool finishes.

Copper & Scale Out:

Stain and scale removal without having to drain the pool. Removes Copper Stains & Oxidized Copper. Removes Copper Scale & Iron Scale.

Scale Away:

Convenient full strength spray quickly removes scale and calcium buildup from pool tile or vinyl.



Filter Renew:

Powerful dual action formula that removes dirt, scale, and oils for maximum filter efficiency. Use with sand, cartridge and DE filters.

Spray & Rinse Filter Cleaner:

Easy to use spray-on and hose-off filter cleaner that removes dirt, scale, oils and more. For use with cartridge and D.E. filters. No soaking required.

Tile & Waterline Cleaner:

Quickly removes dirt, grime, oils, lotions and scale commonly found on pool surfaces and accessories. Easy Spray Application.

Salt Cell Cleaner:

Removes scale and buildup, increases efficiency and extends cell life. Pre-measured, no mixing or diluting before use.

Phosphate Remover:

Extra strength formula quickly lowers high levels. 1 quart removes up to 3000ppb in 10,000 gallons. Use weekly to maintain low levels and prevent poor water conditions.

Super Phosphate Remover:

Most concentrated phosphate remover available. 1 quart removes up to 9,000ppb in 10,000 gallons.

Natural Pool Enzyme:

Dissolves Waterline Scum. Prevent issues and keep water clean and clear by breaking down oils and contaminants. Routine application increases filter and chemical efficiency as well as improved water clarity.

Caring for your pool is more than just adding maintenance products

You must know some basic information about the circulation and filtration system and their roles in pool care.

Circulation System:

The circulation system is the pump, it moves water from the pool and sends it through the filter for removal of any dust, dirt, and debris prior to sending it back to the pool.

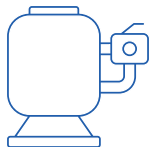
NOTE: If your pump is not running, the water from your pool is not being properly circulated or filtered. Running the pump and circulating the water is the best way to help prevent problems.

Filtration System:

The filtration system removes any undissolved dirt and debris from the pool water.

There are three types of filtration systems:

1. Sand Filters:



Dirt is removed from a sand filter by “backwashing” or reversing the water flow. The filter should be back-washed when the pressure increases 7-10 lbs. over normal operating pressure. (This is the pressure indicated on the pressure gauge when the filter is completely clean.) Remove dirt and buildup from sand with **Regal® Filter Renew**.

2. Cartridge Filters:



Dirt needs to be removed from a cartridge filter when the pressure gauge indicates an increase of 7-10 lbs. over normal operation pressure. Remove the cartridge(s) from the filter and hose off all loose dirt and debris. Then soak the cartridge(s) in **Regal® Filter Renew** for at 8 hours. This will remove all oils and greases imbedded in the filter element. After soaking, remove the cartridge(s) and rinse thoroughly with fresh water.

Peak filter efficiency is achieved if you allow the filter cartridge(s) to dry prior to reinstalling in the filter. To avoid any “down time” for the circulation or filtration systems, it is advisable to purchase a second set of cartridge elements so they may be interchanged on a regular basis with the first set.

3. Diatomaceous Earth (DE) Filters:

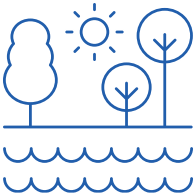


Like sand, the DE filter is cleaned by backwashing the filter when pressure increases 7-10 lbs. However, once the filter has been backwashed, new DE **must** be added to coat the grids in the filter. To do this, mix DE powder in a bucket of water until it has a milky consistency, then slowly pour it through the skimmer while the pump is running and the valve has been returned to the filter position. At the beginning of each season, disassemble the filter completely and clean the grids with **Regal® Filter Renew**.

NOTE: At least once a year the entire DE filter should be disassembled, cleaned and inspected for tears in the grids, consult your **Regal® Dealer** on how to “recharge” your filter.

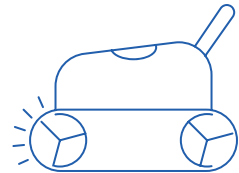
When Cleaning DE & Cartridge filters use **Regal® Spray & Rinse Filter Cleaner** for an easy spray-on and hose-off application. Great for mid-season cleanings.

Other helpful cleaning aids



If you have a pool that’s near trees, we don’t need to tell you about leaf litter. Try a **Leaf Vacuum**, which is a large mesh bag on a plastic base with wheels that connects to a garden hose. Water pressure blows the leaves into the bag and prevents them from clogging your vacuum and plumbing.

Automatic pool cleaners are also a time and work saver. Many models eliminate up to **90%** of manual cleaning. There are options for both in-ground pool and above-ground pool automatic cleaners to fit all pool care needs.



Ask your **REGAL® DEALER** for the style and type of cleaner that’s best for your pool.

Have a problem?

Problem	Possible Cause	Solution
Water is Cloudy Or Hazy	Poor circulation or filtration	Back-wash and clean filter. Clean skimmer baskets and pump strainer basket. Filter may need chemical cleaning.
	Improper water balance	Test pH, total alkalinity and calcium hardness. Adjust if necessary.
	High Total Dissolved Solids (TDS) and/or calcium hardness	If one or both are high, TDS over 3,000 ppm or calcium hardness over 400 ppm, drain off 1/3 to 1/2 of your pool water and replace with fresh water. Then adjust chemical balance.
	Excess organic waste	Shock with the appropriate amount of liquid or granular product for your pool size.
	High total alkalinity	Add Muriatic Acid or Regal® pH Minus
	Low sanitizer level	Add chlorine to bring it to its proper range
Water Is Green	Green algae growth, a free-floating variety which imparts a cloudy green color to the water. It's easy to correct if treated early	Shock pool and add Regal® Yellow Blast or Regal® Algaezone Plus
	Low total alkalinity	Add Regal® Alkalinity Plus
Yellow Or Green Dust On Floor And Walls	Mustard algae	Shock pool and add Regal® Yellow Blast or Regal® Algaezone Plus
Black Spots On Floor And Walls	Black algae, a very resistant, hard-to-kill variety which appears as small, black dots or blotches that are pin-head to quarter-sized on the walls and bottom of the pool.	Regal® Algaezone Plus can be used in conjunction with Regal® Metal Out Concentrate to eliminate even the most severe problems faster. Remember to brush the spots to remove them after chemical treatment.
Pink Slime	Pink Slime is a form of bacteria with a pinkish center surrounded by a flat gelatinous mass. This bacteria can usually be tracked to some swimmer who has recently visited a coastal area where this type of growth is common.	Double shock the pool. After 48 hours, use Regal® Algacide 60 at twice the recommended rate for visible algae.

We have a solution!

Problem	Possible Cause	Solution
Water is Sudsy	Overuse of some types of algaecides	Discontinue use of current algaecide and switch to a high-quality, non-foaming one such as Regal® Algaecide 60.
Water Burns Eyes	Low or high pH	Check pH and adjust to 7.4 - 7.6 range
	Excessive organic waste	Shock with the appropriate amount of liquid or granular product for your pool size.
	Too much sanitizer	Check automatic chlorinator setting
Waterline Buildup	Excess sunscreen, lotions or swimmer waste	Use Regal® Tile & Waterline Cleaner to quickly and easily remove deposits. Prevent buildup from swimmer waste with a regular dose of Regal® Natural Pool Enzyme.
Blonde Hair Turns Green	Usually occurs in natural blondes or blonde children between the ages of 6 and 13, because of the amount of time they spend in the water. Also, certain forms of copper at concentrations of 1 or 2 ppm, like those found in some algaecides, can turn hair green.	If the problem is due to reaction with a copper, add a sequestering agent like Regal® Metal Out to disable the copper minerals in water.
Chlorine Test Turns Orange	Pool water has a very high chlorine content, above 4 ppm	Discontinue using chlorine until chlorine returns to normal, or use Regal® Chlorine/Bromine Neutralizer
pH Test Looks Purple or Blue	Very high chlorine content	Neutralize chlorine and retest
pH Test Always Tests Too High	High total alkalinity	Add Muriatic Acid or Regal® pH Minus
pH Always Tests Too Low	Total alkalinity is too low	Use Regal® pH Plus
	Use of Tri-Chlor or other low pH disinfectants	Use Regal® pH Plus

Keeping your pool healthy

Testing your pool at least once each week is important for maintaining adequate water balance and sanitizer levels as well as ensuring swimmer comfort.

Test strips are a quick means to test the pool for adequate sanitizer levels as well as pH and total alkalinity. Proper testing also ensures that calcium levels are maintained and that there are no metals present in the pool water. In order to prevent scaling or corrosive action and to achieve maximum swimmer comfort, the pool water should be balanced.



Here are some **EASY-TO-FOLLOW TIPS** to keep your pool its healthiest.

- 1. Test your water chemistry weekly.** Take a water sample from the deep end of the pool, about 18" below the surface, with the pump running for one hour before the test. **Bring a water sample to your Regal® Dealer for full professional testing at least once a month.**
- 2.** Use a **skimmer net** to remove floating leaves and other debris as needed. (As you're swimming or lounging poolside, notice if the water level is at the right height, about midway up the skimmer. If not, add water.)
- 3.** Brush the tiles (sides) every one to two weeks to stop a ring from forming on the tile.
- 4.** Check and empty the skimmer and pump baskets at least once a week.
- 5.** Run your pool pump from 9 a.m. to dusk daily, unless pool water looks cloudy. Then run it continuously, and be sure to have your water computer analyzed by your **Regal® Dealer.**
- 6.** Check your filter pressure weekly. If it's 10 psi above the normal level, clean your filter.
- 7.** Check to make sure you have enough chlorine in either your automatic or floating chlorinator weekly.
- 8.** Add chemicals to adjust pH, alkalinity, calcium hardness or stabilizer if required.
- 9.** Shock your pool once a week to remove contaminants and keep water clear.
- 10.** Add a maintenance dose of **Regal® Algaecide 60.**
- 11.** Add a sequestering agent. Add a maintenance dose of **Regal® Metal Out** once a month. Use **Regal® Metal Out Concentrate** for salt water.

Don't forget to handle your chemicals with care!

One of the most important, yet often overlooked things to remember about pool safety is how you should handle chemicals.

Some tips to help prevent chemical accidents:

1. **ALWAYS** read all label directions on all products prior to using, and only use as directed.
2. **USE A SEPARATE, PLASTIC MEASURING CUP** for each chemical.
3. **USE A SEPARATE, NON-CONTAMINATED BUCKET** to mix the chemical into the water.
4. For chemicals that require pre-mixing with water, **ALWAYS** add the chemical to the water.
5. **NEVER** add water to the chemical.
6. **NEVER** mix one chemical with another chemical prior to adding to the water.
7. Use a separate bucket for each chemical you mix into water, and never mix more than one chemical into the water in any bucket.
8. **NEVER** add chemicals to the water when people are in the pool. Be sure to only add one chemical to the pool at a time and allow time for each chemical to circulate before adding another. There are chlorinated products that are not compatible when mixed.
9. **NEVER** mix different types or brands of chlorine together.
10. **NEVER** mix chemicals together.
11. **DO NOT** use quantities in excess of the recommended dosage on the label.
12. After shock treating, you **MUST** wait until the free available chlorine residual is at the level recommended by the label instructions before entering the pool again..
13. **DO NOT** use contents of unlabeled containers.
14. Keep all chemicals out of the reach of children.
15. Be sure to properly store and handle chemicals in accordance with label instructions.
16. Store chemicals in a clean, cool, dry location out of direct sunlight.
17. Containers should always be kept closed when not in use.
18. **PROPERLY DISPOSE** of all containers. Do not reuse empty chemical containers.
19. **WASH YOUR HANDS THOROUGHLY** after handling the chemicals.

Important water balance guidelines

Please consult with your pool builder or Regal® Dealer for specific ranges.

Pool Surface/ ppm	Marcite	Vinyl	Fiberglass	Painted	Tile	Exposed Aggregate
Total Chlorine Bromine	2.0-4.0	2.0-4.0	2.0-4.0	2.0-4.0	2.0-4.0	2.0-4.0
Free Chlorine	2.0-4.0	2.0-4.0	2.0-4.0	2.0-4.0	2.0-4.0	2.0-4.0
Combined Chlorine	0	0	0	0	0	0
pH	7.4-7.6	7.4-7.6	7.4-7.6	7.4-7.6	7.4-7.6	7.4-7.6
Total Alkalinity	80-120	120-140	70-100	80-120	80-120	80-120
Calcium Hardness	250-400	200-300	250-400	250-400	200-400	200-400
Total Dissolved Solids	300-3000	300-3000	300-3000	300-3000	300-3000	300-3000
Iron	0	0	0	0	0	0
Copper	0	0	0	0	0	0
Stabilizer	40-100	40-100	40-100	40-100	40-100	40-100
Phosphate (ppb)	0-200	0-200	0-200	0-200	0-200	0-200



REMEMBER: Consult with your Regal® Dealer, if unsure about any water test results.

Knowing your pool profile

Pool:

Pool Shape: _____

Pool Finish: _____

Pool Volume (Gallons / Dimensions): _____

Pump (Make / Model / Hours of Operation): _____

Filter (Make / Model): _____

Salt Chlorine Generator (Make / Model): _____

Heater (Make / Model / BTU Rating): _____

Automatic Pool Cleaner (Make / Model): _____

Please share this information with our **Regal® Dealer** to create your pool's computer water analysis profile.

REMEMBER: Keep your water looking and feeling great. Bring a sample to your **Regal® Dealer** at least once each month for a full professional water analysis.

Notes:

REGAL[®]
Pool Care System

life[®]
spa & hot tub essentials



THE TOUGHEST, MOST COMPLETE
**CHEMICAL
SOLUTIONS**
FOR EVERY POOL, SPA & HOT TUB CARE NEED.



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