



YOUR GUIDE TO

POOL CARE FIT FOR ROYALTY



MAKE YOUR POOL REGAL

1. Sanitize

Sanitize your pool with convenient stabilized chlorine. Whether your preference is **Xtreme Tabs™** or **Chlorinated Tablets 3"**, Regal® has you covered.



2. Shock-Oxidize

Shock on a routine basis with effective **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 or recurring algae.





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

Our stabilized sanitizers, shock treatments, and choice of effective algaecides transform the chore of 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 will 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.**





POOL CARE FIT FOR ROYALTY

SANITIZERS

Stabilized chlorine products sanitize your pool water controls bacteria and algae. Our Regal® stabilized chlorine products are protected from sunlight degradation and are ideal 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. Oxidizing weekly with chlorine or non-chlorine based shock products from Regal® will eliminate problems and help pool water remain clean and trouble free.



ALGAECIDES

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. Use only according to your product's specific label instructions.



Depending on the time of year, Regal® dealers have specialty chemical kits available to make treatments easy. During Spring the Regal® [Fast Start Opening Kit](#) is great to wake up your pool from a long winter. In the Fall, the Regal® [Premium Winter Kit](#) prepares pool water for the winter months and smooth openings.

BALANCERS



pH:

pH is the measure of acid or base in the pool water. If the pH of the pool water drifts under 7pH, corrosion of pool surfaces and equipment can occur. If the pH of the pool water drifts to the base side, close to 8pH or higher, scaling, deposits, and cloudy water can occur. Pool water is most comfortable to the swimmer at 7.2 to 7.6.

Total Alkalinity:

To prevent pH "Drift" or "Bounce", the proper amount of alkalinity must be maintained in the pool. The proper amount of acid buffers, or Total Alkalinity, must be maintained in the pool. Low Total Alkalinity will result in pH fluctuations, corrosiveness, and swimmer discomfort. High Total Alkalinity leads to stubborn pH, cloudy water, and scale formation.



Calcium Hardness:

Calcium Hardness is the amount of dissolved calcium in the pool water. Low calcium hardness can degrade plaster, aggregate, and vinyl pool surfaces. High calcium levels can result in scale or calcium deposits on any pool surface as well as the pool equipment.

Stabilizer:

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



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.



SUPPLEMENTS

- **Chlorine Neutralizer:**
Quickly lowers excessive chlorine or bromine levels. Sodium Thiosulfate.
- **Concentrated Tile Soap:**
For Professional Use Only. Mix this product with muriatic acid to make a non-foaming gel cleaner.
- **Copper & Scale Out:**
Copper Stain and Calcium Scale removal without draining the pool, quick & effective.
- **Filter Renew:**
Powerful dual-action filter cleaner safe for use on all filter media. Improves filter efficiency and longevity.
- **Liquid Solar Cover:**
Tightens surface tension to inhibit evaporation and heat loss.
- **Metal Out:**
Prevents calcium scale formation and metal staining from copper, iron, & manganese.
- **Metal Out Concentrate:**
Powerful product for removal and prevention of metal staining and scale build-up in all pools, especially salt or high TDS applications.
- **Natural Pool Enzyme:**
Concentrated natural enzyme breaks down oils and organics while increasing filtration cycles and chemical efficiency.
- **Natural Water Clarifier:**
4-In-1 superior clarifier efficiently clears pools, hot tubs, and fountains. The more you use, the faster the water clears.
- **No Phos Metal Out:**
Phosphate-free formula for long lasting control and prevention of stains & scale in all pools. **Great for new pool start-ups!**
- **Phosphate Remover:**
Quick and efficient 3,000 ppb formula removes phosphates from pool water.

- **NEW Pool Cover Cleaner:**
New formula cleans odors, grime and soil from autocovers, solar, winter and safety covers and more.
- **Pool Renew (Spring Renew):**
Enzyme and Clarifier blended product, for use in all pools any time of the year.
- **Salt Cell Cleaner:**
Quickly removes scale buildup on salt cells. Pre-measured for ease of use, no mixing or diluting required.
- **Scale Away:**
Convenient spray cleaner quickly removes scale and calcium build up from tile, vinyl, and fiberglass.
- **Spray & Rinse Filter Cleaner:**
Convenient spray-on and hose-off cartridge & DE filter cleaner removes dirt, oils and more.
- **Stain Out:**
Granular product removes copper, iron & manganese staining from all pool surfaces.
- **NEW Stop Yellow:**
Produces remarkable clean-up results when used prior to shock treatment with an EPA registered chlorine compound that kills green, yellow, brown, pink and white algae.
- **Super Flocc:**
Powerful flocculant drops particulate to the pool floor for easy vacuuming to waste.
- **Super Klear Plus:**
Concentrated fast-acting clarifier collects small particles for easy filtering and crystal-clear water. Follow dosage guidelines carefully.
- **NEW Super Metal Eliminator & Stain Preventer:**
Use to eliminate stain-causing metals, minerals, and discoloration from pool & spa water. Product absorbs metals.
- **Super Phosphate Remover:**
Highly Concentrated 9,000 ppb/10,000 gallon formula efficiently removes very high phosphates. May cause temporary cloudy water.
- **Super Stain Out:**
Granular severe or stubborn metal stain remover on all pool surfaces.
- **Tile & Waterline Cleaner:**
Convenient spray cleaner quickly removes dirt, grime, oil, cosmetics, and lotions from pool surfaces.
- **Water Softener & Enhancer:**
pH Neutral Borate compound blend enhances the look, feel, and balance stability of any swimming pool.

Caring for your pool is more than just adding maintenance products!

Some basic information to know 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 dust, dirt, and debris prior to sending it back to the pool.

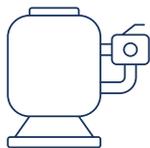
NOTE: If your pump is not running, the water from your pool is not being properly circulated or filtered. Running the pump and circulating the water is the best way to help prevent problems. Most pools are engineered to circulate all the pool water within 8 hours on full speed, during the swim season this should be done at least twice in a day in the South and all day in the North.

Filtration System:

The filtration system removes any undissolved dirt and debris from the pool water, filters have different efficiencies and characteristics.

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 backwashed 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.) To increase filter efficiency, remove oils and grimy buildup from the sand twice a season 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 least 8 hours.

This will remove all oils and greases embedded in the filter element. After soaking, remove the cartridge(s) and

Ask us about:

XTREME BLUE

For Clearer Water, Choose XtremeBlue.

SuperPro® XtremeBlue
Premium Pool Replacement
Cartridges

- Removes More
- Cleans Easier
- Extended Performance



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. Return the valve to the filter position after adding DE. 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.

Using **Regal® Natural Pool Enzyme** on a regular basis will lengthen times between filter cleanings and the life of the filter media!

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	Bring a water test to your local Regal® Dealer for consultation on how to treat pools with this issue. Dilution is the solution, consult with your Regal® Dealer. Know the chemical balance local fill water and how it effects overall pool water balance.
	Excess organic waste	Consult with your Local Regal® Dealer for appropriate products to oxidize your pool.
	High total alkalinity	Add an acid or Regal® pH Minus.
	Low sanitizer level	Consult with your local Regal® Dealer for the chlorine product to use to achieve a proper residue chlorine level.
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	Use Regal® Super Green Algaecide per label instructions.
Yellow Or Green Dust On Floor And Walls	Mustard algae	Use Regal® Stop Yellow follow detailed label instructions very closely. Use Before Adding Your EPA-Registered Chlorine.
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® Super Black Algaecide should be used per label instructions. Consult your Local Regal® Dealer if the problem persists.
Pink Slime	Pink Slime is a contaminant associated with organic waste and presents as a pinkish center surrounded by a gelatinous mass	Use Regal® Stop Yellow follow detailed label instructions very closely. Use Before Adding Your EPA-Registered Chlorine.

We have a solution!

Problem	Possible Cause	Solution
Water is Sudsy	Overuse of some types of algaecides, organic waste, or oils, especially suntan lotion	To alleviate suds quickly, add Regal® Natural Pool Enzyme to break down the cause.
Water Burns Eyes	Low or high pH	Check pH and adjust to 7.4 - 7.6 range.
	Excessive organic waste	Consult with your Local Regal® Dealer for proper oxidizer for the situation.
	Too much sanitizer	Check chlorinator setting and consider using Regal® Chlorine Neutralizer to lower sanitizer reading quickly
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	Stray copper, from degrading heaters or some algaecides, when coupled with high chlorine or pH, can temporarily turn hair green.	Remove stray metals, including copper with an Regal® Super Metal Eliminator cartridge placed in the skimmer. Control of stray metals with Regal® Metal Out products. Be sure to maintain proper water balance and filtration.
Chlorine Test Turns Orange	Pool water has a very high chlorine content, above 8ppm	Discontinue using chlorine until residual returns to normal, or use Regal® Chlorine Neutralizer .
pH Test Looks Purple or Blue	Very high chlorine content	Use Regal® Chlorine Neutralizer to neutralize high chlorine or bromine and retest after circulating the pool for at least four hours.
pH Test Always Tests Too High	High total alkalinity	Add an acid or Regal® pH Minus .
pH Always Tests Too Low	Total alkalinity is too low	Add Regal® Alkalinity Plus . Major adjustments should be pretreated with Regal Metal Out to keep stains from forming on pool surfaces during treatment.
	Overuse of trichlor tablets or acidic rain	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 water and to achieve maximum swimmer comfort, the pool water should be maintain proper balance.



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 of scale and/or grime from forming on the tile.
4. Check and empty the skimmer and pump baskets at least once a week.
5. Run your pool pump a *minimum* of sunrise to dusk daily. If pool problems persist, like cloudiness, running the pool longer will help with filtration and circulation. Bring problem water in for a computerized water analysis by your **Regal® Dealer**, unless pool water looks cloudy.
6. Check your filter pressure weekly. If it's 10 PSI above the normal level, clean your filter. If pressure does not reset, chemically clean your filter media or replace it. Consult your dealer for options.
7. Check to make sure you have enough chlorine in either your automatic or floating chlorinator. Salt pools will need adjustments as seasons and temperatures change.
8. Add chemicals to adjust pH, alkalinity, calcium hardness or stabilizer as required.
9. Shock your pool once a week to remove contaminants and keep water clean and clear.
10. Add a maintenance dose of **Regal® Algaecide 60**.
11. Add a stain & scale preventative maintenance dose of **Regal® Metal Out** or **No Phos Metal Magnet** 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. NEVER mix chemicals together.
2. Keep all chemicals out of the reach of children.
3. ALWAYS read all label directions on all products prior to using, and only use as directed.
4. USE A SEPARATE, PLASTIC MEASURING CUP for each chemical.
5. USE A SEPARATE, NON-CONTAMINATED BUCKET to mix the chemical into the water.
6. For chemicals that require pre-mixing with water, ALWAYS add the chemical to the water.
7. NEVER add water to the chemical.
8. NEVER mix one chemical with another chemical prior to adding to the water.
9. Use a separate bucket for each chemical you mix into water, and never mix more than one chemical into the water in any bucket.
10. 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.
11. NEVER mix different types or brands of chlorine together.
12. DO NOT use quantities in excess of the recommended dosage on the label.
13. 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.
14. DO NOT use contents of unlabeled containers.
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.
20. DO NOT eat, drink, or smoke while handling any pool chemicals.

Important water balance guidelines

Please consult with your pool builder or Regal®

Dealer for specific ranges.

Pool Surface/ ppm	Marcite	Vinyl	Fiberglass	Exposed Aggregate, Tile, & Painted
Total Chlorine Bromine	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
Combined Chlorine	0	0	0	0
pH	7.4-7.6	7.4-7.6	7.4-7.6	7.4-7.6
Total Alkalinity	80-120	80-120	70-100	80-120
Calcium Hardness	200-400	200-400	Consult Manufacturer Recommendations	200-400
Total Dissolved Solids	300-3000	300-3000	300-3000	300-3000
Iron	0	0	0	0
Copper	0	0	0	0
Stabilizer	30-50	30-50	30-50	30-50
Phosphate (ppb)	0-200	0-200	0-200	0-200



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

Recommendations are based on National Averages, local recommendations may vary and should be followed.

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.

Equation to determine pool gallons:
Length x Width x Average Depth x 7.4

Notes:

MAKE YOUR POOL REGAL



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