

Preventive Chemicals

A regular water-care routine-- proper sanitizer, circulation and filter use -- should keep your pool or spa sparkling. If problems develop, however, these special chemicals can help get your water back on track.

Algaecide/algaestat

Different products treat various algae types - including yellow/mustard, green, brown, or black (actually blue-green)- when they appear in water or on walls or floor. Algaecides kill algae, while algaestats inhibit algae growth proactively. Chelating copper compounds treat all algae types. The copper



Algaecide

Alkalinity

Clarifier

Metal Removers

suffocates algae and destroys its ability to consume food; the chelating agent prevents risk of copper staining. Colloidal silver affects all algae types works much like copper, suffocating and starving algae. Phosphate removers treat Algae by

eliminating algae's food source, starving it out. Polyquats affect all algae types, but treat green algae best have a strong, positive electrical charge that is attracted to algae; invade algae's outer membrane, suffocating it; nonfoaming, also act as a clarifier; not as effective on black or yellow algae. Quaternary ammonium compounds (quats) effective treat green algae similar to polymers, but the electrical charge isn't as strong; can cause foaming if agitated

Balancers

Help pool water maintain its chemical equilibrium. Calcium chloride if the calcium level is too low it increases calcium hardness. Carbon dioxide if the pH level too high it lowers the pH and raises total alkalinity. Muriatic acid if the pH level too high it reduces pH. Sodium bisulfate if the total alkalinity level too high it reduces total alkalinity. Sodium bicarbonate (baking soda) if the total alkalinity level too low this chemical will increase total alkalinity. Sodium car-

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Salt Chlorinators

What's the difference between a saltwater pool and a pool maintained with chlorine?

Salt water pools used to be the exception, but now they are becoming a widely accepted method of water treatment in swimming pools. A lot of builders are now making salt water systems standard on their new pools. Most equipment manufacturers have also become aware of the fact that salt water pools are not just a passing fad. They are here to stay.

Lower Chlorine Levels –

Saltwater Pools - 0.5 to 3.0 ppm chlorine

Traditional Pools - 3.0 - 10.0 ppm chlorine

Better Swimmer Comfort

By eliminating the need for the harsh chemicals, you eliminate the source of the irritation that plagues swimmers in most pools.

Superior Algae Control

Saltwater pool systems virtually eliminate algae problems. This is because the chlorine in the pool is continuously being returned to the pool via the return lines. .

Why have salt water pools become so popular?

In my opinion, most people who consider themselves "sensitive" or "allergic" to chlorine are not reacting to the chlorine at all. What is creating a problem is packaged pool chemicals and the additives and carriers in those chemicals. Those same swimmers, who claim allergic reactions to chlorine, typically experience no problems when they are in a salt water pool. The answer isn't the absence of chlorine. Salt systems create their own chlorine. The answer is the absence of all the packaged chemicals and by-products in those chemicals.

What is the cost benefit of a salt water pool?

Most people do not buy a salt water pool system for the sole purpose of saving money. They buy it for the increased swimmer comfort. With that said, they do save quite a bit of money on pool chemicals, but it probably takes about 2-3 years before the system pays for itself.

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Salt Systems

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AUTOPILOT SYSTEMS
SALT CHLORINE GENERATORS



AutoPilot



Aqua Rite



Polaris AutoClear



Pentair Intel

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bonate (soda ash) if the pH level too low this chemical raises pH. Clarifiers bind together tiny particles so they can be filtered or vacuumed out, remedying water cloudiness. Defoamers temporarily reduces the buildup of body oils, suntan lotions and other organic materials that lead to foaming. Enzymes synthetic protein-like catalysts that digest oily substances on pool or spa surfaces and filter by converting them to water and carbon dioxide.

Filter Cleaners

Depending on filter type, remove calcium buildup, oils and other substances in filters, reducing filter pressure and improving cleaning action. Flocculants coagulate tiny particles, making them large enough to be filtered or vacuumed out; considered a filter aid. Metal Controllers/Stain Removers Neutralize the effect of metals in water, appearing to lift metal stains and remove metal discoloration from water. Chelating agents resolve the problem when it appears, while sequestering agents provide preventive measures

Tile Cleaner

Removes buildup of scale, body oil, dirt and lotion they form a scum ring at the water line; some may cause foaming.

Salt (Continued from Page 1)

Here is the best rationale for buying a salt water system: People spend \$25,000 and up to build a beautiful pool, so doesn't it just make sense to spend about \$1200 on the water quality. After all, shouldn't the best thing about the pool be the water? In the end, you get what you pay for. A little money spent on the salt water system will allow the typical

homeowner to enjoy their swimming experience so much more.

What is the down side to a salt water pool?

The only real problem we have seen is the fact that it does change the way you do your water chemistry and people are sometimes slow to adapt. It is very important to follow directions carefully with regard to water chemistry. Some pool owners have experienced problems trying to keep the pH down, but in our experience it is simply a matter of keeping up with the water chemistry and not letting the pH get too high before trying to adjust it. Overall, the water chemistry does get easier, but there is a small learning curve.

