

TIPS FOR POOL MAINTENANCE AT HOME

**CLEAN YOUR POOL
& ITS ACCESSORIES
REGULARLY**



**CHECK THE WATER
BALANCE
ROUTINELY**



**KEEP A CHECK ON
CHEMICAL BALANCE**



**WINTERIZE YOUR
POOL**



**HIRE
PROFESSIONALS
FOR SERVICING**



Swimming Pool Cleaning and Maintenance in Bangladesh:

Pool Service is dedicated to providing customers with the highest quality pool maintenance services possible. We use only the best products and equipment, follow all industry best practices, and also offer a wide range of services.

Pool Inspections

We offers a complete inspection of the pool and spa and all associated equipment to ensure that your pool is handled best. Potential problems visiting the pool can save you money in the immediate future. By checking the pool and surrounding decks to make sure they are free of cracks and other potential hazards, we made sure that the pumps, heaters, filters and drains were all working properly.

Green Pool Clean Up Service

No one wants to have a green pool, but we can help by cleaning it. At Fountech Swimming Pool Services we take this very seriously as it can be a health hazard to you as well as your neighbors. This is a process that can take hours, if not days, and we are dedicated to doing it. We want you to have a sparkling pool again that you can enjoy.

Pool Repairs Service

Often, repairs to pools are expensive and overwhelming. With Fountech Swimming Pool Services we can make the necessary repairs and keep your pool in action without worry. One of our experienced service technicians will give you a fair estimate and will repair any repairs you can.

Pool Heater Repair Service

With the weather so beautiful in Dhaka, our clients love to use their pool and spa year-round. Our specially trained pool paddy technicians can keep your heater running great and repair it when needed. There is no cool pool or spa in Dhaka area.

Variable Speed Pump Repair/Installation

Your pump is the one that helps keep your pool clean by pressing on all the water through your filters. This is an important component of your pool so pool dad services can help if you have not yet upgraded or your pump is gone.

Sand Changes

Sand changes for your pool filter can often be a daunting task. Here at Fountech Swimming Pool our technicians are trained to make it a simple process for you. We handle everything with our outstanding service.

Pool Cleaning and Maintenance Service

Pool Heating Pump Installation

Here in Dhaka, many of us like to use our pool even when the weather gets cooler. This can happen with the Fountech Swimming Pool Services heating pump that lifts heat from the outside air, upgrades it with a compressor, and then transfers the heat to the water. Our trained technicians can help you get the right heating pump for your Dhaka pool.

Above Ground Jacuzzi Repair

In Dhaka during the winter months, many use their upper jacuzzi. For some, this is the first time you've used it all year and if you find anything wrong Pool Pooling Services can help. Our expert technicians will get your jacuzzi back in action.

Pool Tile Cleaning Service

The pools have beautiful tiles and must be kept clean. If your tile looks granular and needs to be professionally cleaned, we at Fountech Swimming Pool can do it for you.

Salt Systems

Salt systems are different from your standard pool. Fountech Swimming Pool technicians are trained to help you maintain and repair any salt system for your Dhaka area pool.

Pool Light Installation Service

The lights are what make your pool a beautiful desert after dark. Here at Fountech Swimming Pool Services we can help keep your lights on throughout the year so that you are never left in the dark.

Pool Pressure Washing Service

A common problem is making moss, dirt and other bacteria in your swimming pool. Fortunately, Fountech Swimming Pool Services can easily clean your pool inside and out with our power washing. This way, cleaning your pool will save you energy and money as well. Our technicians can make this a simple process.

If you own a swimming pool and don't know how to maintain and repair and looking for expert, as a swimming pool builder company we provide professional Swimming Pool Maintenance and Repair Service in Dhaka and other parts of Bangladesh. We can transfer your aged pool to look like absolutely brand new today. Our expert team does the work of renovations, resurfacing and repair work to make your pool looking better and relaxing. Our modern solutions can fulfill all your requirements starting casual clean to green pool clean, we have got you covered by providing a thorough and efficient service and leave your swimming pool clean and fresh.

Our Swimming Pool Maintenance and Repair Service Includes:

1. Swimming Pool Inspection
2. Swimming Pool Cleaning
3. Pool Chemical Testing
4. Pool chlorinators Servicing
5. Pool lights Servicing
6. Pool pumps and filters ServicingChlorine & PH keeping
7. Filter supply
8. Filter media such as
9. Moss cleansing
10. Temperature Measurement

About Cleaning Chemical Product:



What is enochlor calcium hypochlorite?

Enochlor calcium hypochlorite manufactured by Enochem in sodium process, is a Chinese brand of dry chlorine. An increasing number of drinking water plants, commercial pools and private pools worldwide are changing to enochlor calcium hypochlorite. Furthermore, Enochlor calcium hypochlorite tablet with various size from 7g to 300g packed by small pails is another reason for its growing popularity.

Why choose enochlor calcium hypochlorite?

Enochlor calcium hypochlorite has been approved by E.U. BPR and certified by NSF in drinking water application. Enochlor provides a lower PH level after dissolving, less water insoluble matters so consequently it reduces the cost of pH correction and equipment maintenance. Enochem is dedicated to producing calcium hypochlorite only. Professionalism comes from focus. We are committed to supplying quality product with competitive price in order to help our partners obtain competing competence.



Chemical Service:

- Test and adjust the pools water chemistry for Chlorine, pH, Total Alkalinity each visit
- Test for conditioner and calcium hardness quarterly
- Test and monitor Salt levels (if applicable)

Full Service:

- Ensure your pool/spa is spotless from top to bottom.
- Skim pools surface, netting leaves and debris.
- Brush pools steps, seats and walls as needed.
- Leaf and debris removal
- Vacuum for small debris as needed.
- Inspect Equipment for proper operation

Chemical / Filter:

- Empty debris from skimmer and pump baskets.
- Empty pool cleaner bag or canister
- Untangle pool cleaner hose
- Make seasonal adjustments or recommendations for the time clock settings.
- Visually inspect pool equipment for proper operation.

Chemical / Filter / Brush:

- Brush pool and connected spas steps, seats or walls. or
- Skim pool and connected spas surface, netting leaves and debris.

Weekly Pool Cleaning

- Scrubbing, Scooping, Netting, and Vacuuming.
- Salt Cell Cleaning



Water Testing & Chemical Balance

- 7-Way Chemical Testing
- Routine Chemicals Included in Weekly Service



Equipment Maintenance

- Filter Checks/Inspections, Cleaning, and Replacement
- Salt System Maintenance
- Pool System Maintenance



Others Pool Cleaning Chemical list:

DISINFECTANT:

- ✓ **Trichloroisocyanuric acid(TCCA):** Effective chlorine 90% min. Powder, 8-30 or 20-60 mesh Granules. Tablets: 3g, 10g, 20g, 200g
- ✓ **Sodium dichloroisocyanurate (SDIC):** Effective chlorine of 56% min or 60% min. Powder or Granules (8-30mesh, 20-60mesh). Fast dissolving, effervescent tablets (1g, 3.3g, 4g, etc.) . Tablets(20g,150g,200g,etc.).
- ✓ **Sodium dichloroisocyanurate Dihydrate (SDIC Dihydrate):** Effective chlorine of 55%min. Powder or Granules (8-30mesh, 20-60mesh)
- ✓ **Calcium hypochlorite:** Effective chlorine 65% min or 70% min. Granules, Oval pellets(7g,10g,etc), Tablets(10g,20g,200g,etc), 300g sticks.
- ✓ **Bromine tablets (BCDMH):** Available bromine:≥68%. Available chlorine:≥29%. Granules, Tablets(10g,20g).

- ✓ **Polihexanide (PHMB):** Active ingredient 20% White powder or almost colorless or pale-yellow transparent liquid
- ✓ **Polyhexamethylene guanidine Hydrochloride(PHMG):** Liquid, Active substance Content 25%. High temperature stability Long lasting effect

ALGAECIDE:

- ✓ **Benzalkonium Chloride(BKC,DDBAC):** Liquid. 25kg, 200kg in plastic barrel or 1000kg in IBC drum.
- ✓ **Didecyl Dimethyl Ammonium Chloride:** Liquid. 25kg, 200kg in plastic barrel or 1000kg in IBC drum
- ✓ **Algicide(PQ):** Liquid. 1L/4L/5L plastic bottle, 12kg/20kg carton. 25kg, 200kg in plastic barrel or 1000kg in IBC drum.

CLARIFIERS:

- ✓ **Aluminium sulfate (Flocculant):** White pieces or granules. Tablets(20g, 50g, 100g, 125g, 200g, 500g, etc)
- ✓ **Pool Clarifier Gel Cubes:** Suitable for all pool surface types, this clarifier gel cube assists the filter to trap finer particles and results in improved water clarity and helps boost filter performance.

WATER BALANCE:

- ✓ **Soda ash(PH Plus):** Powder. Various plastic drums, such as 50kgs, 45kgs, 40kgs, 30kgs, 25kgs, 20kgs, 15kgs, 10kgs, 5kgs, 2kgs, 1kg, 0.5kg, etc. 25kgs bags, or 1000kgs bags with pallet.
- ✓ **Sodium bisulphate(PH Minus):** Granules. Lowers PH to ideal range of 7.2-7.6 ppm. Stops eye irritation, cloudy water, and scaling caused by high PH. Boosts the ability of chlorine to fight bacteria and algae. Various plastic drums, such as 50kgs, 45kgs, 40kgs, 30kgs, 25kgs, 20kgs, 15kgs, 10kgs, 5kgs, 2kgs, 1kg, 0.5kg, etc

WATER TEST:

- ✓ **Pool & Spa Test Kit:** 3 in 1 test kit, 5 in 1 test kit, 6 in 1 test kit, 7 in 1 test kit
- ✓ **Pool & Spa Test Strips:** 2 in 1 test strips, 3 in 1 test strips, 4 in 1 test strips, 5 in 1 test strips, 6 in 1 test strips

WATER OPTIMIZATION CHEMICALS:

- ✓ **Refined swimming pool salt:** High purity salt, contains no additives and dissolves quickly. Packaged in 1ton/50kg/25kg pp bags or 1kg/500g pe bags.
- ✓ **Swimming pool glass filter media:** Can make different colors. All sizes are available as per your requirements. Recycled glass medium improves water quality for swimming pools, wells, waste water facilities, car washes, etc.

POOL & SPA ACCESSORIES:

- ✓ **Swimming Pool Chemical Dispensers:** Deluxe large pool chemical dispenser for 3" tablets. Pool chemical dispenser for 3" tablets. Pool chemical dispenser for 1 1/2" tablets Deluxe large chemical dispenser for virous tablets with the telescopicpedestal.

Swimming Pool Chemicals:

Here, we cover everything you need for a basic understanding of your pool's chemistry, including:

- Chlorine and bromine
- Calcium hardness
- pH
- Total alkalinity
- Shock treatments
- Cyanuric acid
- Water clarifiers



CHLORINE:

Probably the best-known pool chemical, chlorine is a sanitiser that keeps algae and bacteria at bay. It comes in liquid, powder, and tablet forms. When water reacts with chlorine, it forms hydrochloric acid, which is the compound that fights bacteria. Fun fact: when people talk about the “pool smell,” it’s mistaken as being caused by chlorine, but it’s really the lack of chlorine that’s creating the odour. That’s because when chlorine contacts organic matter such as skin and body oils, it creates byproducts that smell. That smell means existing chlorine has been depleted – and more is required.

Why Chlorine Matters For Your Pool?

Chlorine Tablets, Granules or Liquid!

Chlorine can be found in tablet, granule and liquid forms. While it's fairly easy to treat a pool when using chlorine, it can be slightly confusing when choosing from all the types available. The easiest, most popular option is chlorine tablets. These are placed in a dispenser that will float in the pool, meaning the chlorine will slowly disperse into the water over an extended period of time. You can add stabilised chlorine granules to the water directly, but we recommend mixing them with (pool or tap) water first to form a solution before distributing them into the pool water. Liquid chlorine provides a simple solution for maintaining a clean swimming pool.

However, it is primarily used for industrial swimming pools where a substantial amount is required. For the vast majority of swimming pools, we recommend tablets.

BROMINE:

This is an alternative to chlorine but is typically used in warmer water, such as that used in hot tubs. Because hot tubs tend to have a higher pH level (alkalinity), and bromine works better at a higher pH level, bromine is more effective in this type of environment.

When to Use Bromine?

Effectively, bromine does the same job as chlorine. You will not require bromine if you have used chlorine and vice-versa. Bromine will often cost slightly more than chlorine, hence the popularity of the latter.

However, that's not to say that bromine doesn't have its unique advantages. Chlorine is an effective cleaner, but it can irritate those with sensitive skin, whereas bromine causes less irritation. Bromine is also comparatively less susceptible to evaporation in comparison to chlorine, making it a popular option for hot tubs and heated pools.

Similarly to chlorine, bromine is available in different forms but we recommend tablets. Please note that bromine tablets will dissolve at a slower rate than chlorine; this is an important factor to consider when balancing and testing your pool water. Bromine requires a reading of 2.5-4 ppm for swimming pools.

CALCIUM HARDNESS?

Calcium hardness is another chemical measurement; in this case, it determines how "hard" your water is, or how high the mineral content is. Like with everything else, calcium hardness will need regular readings. This measurement will demonstrate how much calcium is in the pool – too much will result in a build-up, while too little can cause the water to erode the walls and metal of the pool. Calcium chloride is the most common chemical used when treating calcium hardness. This chemical is often available in a granular form, which we would recommend adding to the water when the calcium hardness reading becomes too low.

Unfortunately, if the calcium hardness becomes too high, there are no quick-fix solutions or chemicals available to reduce the calcium in the water. The pool may need to be drained, replenished with clean water and then re balanced. For pools with a fibreglass or vinyl liner, calcium hardness should be anywhere between 175-225 ppm. For concrete or plaster pools, keep levels around 200-275 ppm.

CYANURIC ACID:

The sun's ultraviolet rays can speed up the decomposition of chlorine in the water. Cyanuric acid – also known as sunscreen for chlorine – helps slow that process down by stabilising or protecting the chlorine. However, there is a limit to the amount of cyanuric acid that can be in the pool: too much can also slow the destruction of bacteria. Some chlorine products come with cyanuric acid added; be sure to check before adding cyanuric acid separately. Water balance is typically achieved when tested at a neutral level of 7.0. Below that means the water is on the acidic side; above means it's alkaline. Ideal pH levels in a pool should be between 7.4-7.6. Pool chemicals will affect the water's pH level, which requires the use of a pH balance to bring it back to as close to neutral as possible.

WHAT IS PH?

Another key aspect of pool maintenance is maintaining the correct pH balance. Balanced pH is what allows chlorine to do its job and keep your pool clean and algae-free.

pH is a measurement of how acidic your pool is on a scale of 0-14. 7 is considered neutral, anything below 7 is acidic, and anything above 7 is basic (or alkaline – more on that below).

Generally speaking, the ideal pH range for swimming pools is slightly above the neutral zone at around 7.4-7.6.

Why is Balanced pH Important for My Pool?

Keeping your pool at proper pH levels will ensure a comfortable experience for swimmers. Low pH can lead to a whole host of problems, including:

- ✓ Metals such as lights, heat exchanges, ladders and handrails can become corroded and oxidized.
- ✓ Plastic and vinyl liners are in danger of becoming brittle.
- ✓ Pool floats and solar covers risk damage.
- ✓ Pool plaster is affected by etching and erosion.

Chances are, everything touching your pool water is subject to acidic damage. Not only will repair or replacement costs need covering, but you also have to keep pool safety in mind.

Swimmers will likely experience dry skin and a burning sensation in the eyes in a pool with low pH.

Alternatively, there are also downsides if your pool's pH levels are too high. For example, the water may become cloudy with an unpleasant scaled surface.

Algae is far more likely to develop in these conditions, and chlorine is far less effective if pH levels are over 8.2.

CALCIUM CHLORIDE:

Your pool requires a minimum level of calcium hardness before molecules start to look elsewhere for its minerals and eat away at your tile and metal. Calcium chloride will increase calcium hardness.

ALGAECIDE:

Often copper-based, these polymers serve as a preventative barrier against algae. After the pool has been shocked, algaecide is added to keep the algae from returning.

CLARIFIER: These are polymers that coagulate particles in the water. They work by trapping particles in the filter. Clarifiers can be made of a number of different chemicals, including ammonium chloride, crab shell extracts, and enzymes.

FLOCCULANT:

Similar to a clarifier in that it attracts and binds particles together, flocculents sink the particles to the pool floor instead of running them through a filter. For that reason, the filter needs to be off during those eight to 12 hours while the flocculent is at work. After the particles cover the bottom of the pool, they need to be vacuumed.

Pool Care **CHECKLIST**

- ☐ Empty pump and skimmer basket
- ☐ Run pump for at least 8-12 hours per day, more if needed
- ☐ Skim surface for leaves and other debris
- ☐ Vacuum to remove dirt and debris from pool floor
- ☐ Brush pool walls and surfaces 2x a week
- ☐ Test water at least 1x weekly
- ☐ Balance water pH, Alkalinity, Calcium hardness if needed
- ☐ Add sanitizer as needed to maintain proper chlorine level of 1-4 PPM
- ☐ Shock pool 1x a week
- ☐ Add algaecide weekly
- ☐ Note filter pressure and backwash if necessary.
- ☐ Clean filter if needed, Chemically clean filter 2x a season with Strip Kwik
- ☐ Check water level and adjust as needed
- ☐ Take inventory of supplies and re-order any you are running low on