



Easy-to-Use Pool Care Products

# Your Guide to Pool Maintenance



SwimEze Pool Care features



POOL MAINTENANCE PROGRAM

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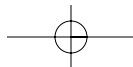
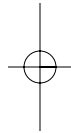
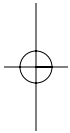
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# Introduction



Welcome to the Swim Eeze™ line of pool maintenance chemicals. Swim Eeze™ created this maintenance guide to make your pool fun and easy, and to reduce work and confusion. For crystal clear, hassle-free water, follow the guidelines instructed in this manual from pool opening, through the season, to pool closing. If needed, your Swim Eeze™ dealer will be available to offer professional advice, water testing, and everything you need to complete your back yard experience!



# Basic Pool Care Guidelines

## 1. Filtration

Filtration is the term used to refer to the mechanical cleaning of the water. The filter is a key element in pool water maintenance, as it removes all debris, and keeps the water sparkling clear. When operating properly, the filter will remove dirt and debris by trapping the particles in the filter media. When pressure reaches 8 psi above normal range, the filter will need to be backwashed. Since backwashing only removes debris and dirt, the filter will need to be chemically cleaned to remove oils and other contaminants regularly.

## 2. Circulation

Circulation refers to the process of moving pool water through the pump and filter system. The pool water must be circulated for your Swim Eeze™ products to work to their full effect. Swim Eeze™ recommends running your filter for a minimum of 10-12 hours a day. With this amount of circulation and motion, water passes through the filter, which collects debris, and helps eliminate bacteria and algae growth.

## 3. Testing

Regular testing of pool water helps ensure water clarity and a great looking pool. The most important tests include pH, Swim Eeze chlorine sanitizer, and total alkalinity, which should be checked several times a week. Other tests, such as calcium hardness, cyanuric acid, and metals, can be tested by a Swim Eeze™ dealer once a month to be sure water is balanced.

## 4. Cleaning

Because algae and bacteria can begin to grow in areas of poor circulation, it is important to brush the pool walls and floor, and vacuum once a week. Brushing is necessary even with an automatic pool cleaner.

# Pool Opening

## 1. Remove Winter Cover

With all solid covers, be sure to drain off all standing water to ensure it does not get into the pool. Sweep off and clean the cover to prevent odors and damage. Place cover in a dry place away from weathering, the sun, and animals.

## 2. Hook up Equipment

Reassemble the filter and pump systems, and reconnect all hoses.

**Reminder:** Be sure to connect equipment before filling the pool. Also, be sure to fill the pool before turning equipment on.



## 3. Fill the Pool

Fill the pool up to the middle of the skimmer opening.

## 4. Clean Pool Surfaces

Brush walls and floor, and manually vacuum the pool. Use Swim Eeze™ Surface Magic on liner and stairs to remove the waterline, oil and grease.

## 5. Test and Balance Water

Take a water sample to your Swim Eeze™ Dealer to test all levels. Once water tests 1.0 - 3.0 ppm for Swim Eeze™ chlorine sanitizer, 7.4 - 7.6 for pH, and 125 -150 ppm for total alkalinity, you are ready to jump in!

## 6. Add Swim Eeze™ Products

Shock your pool with Swim Eeze™ Super Zappit to remove waste from the winter. Add Swim Eeze™ Algae Clear 30, Algae Clear 60, or Algae Buster to prevent or eliminate algae.



# Pool Maintenance

## Chlorination

There are a variety of Swim Eeze™ chlorine sanitizers including sticks, tablets, and concentrate, which should be added to sanitize your pool. The free Swim Eeze™ chlorine sanitizer level should be maintained between 1.0 and 3.0 ppm.

## Shock Treatment

Use Swim Eeze™ Super Zappit to shock the water weekly. This helps maintain crystal clear water by eliminating contaminants such as lotions, oils, perspiration, and make-up. It is recommended to shock your pool more frequently after heavy rain, hot weather, and when bather load increases heavily.

## Algae Prevention

The best way to clear up algae is to prevent it! Use Swim Eeze™ Algae Clear 60 or Algae Clear 30 weekly to eliminate algae growth in your pool.





# Balancing Pool Water

## pH

pH is the most important factor in balancing pool water. Ideal pH range is between 7.4 and 7.6. With low pH, acidic water, add Swim Eeze™ pH Up. With high pH, basic water, add Swim Eeze™ pH Down.

## Total Alkalinity

Total alkalinity is what manages or controls pH in the pool. Ideal range for total alkalinity is between 125 and 150 ppm. When total alkalinity is in ideal range, it serves as a buffer so the pH does not dramatically swing up or down. If total alkalinity is low, add Swim Eeze™ Alkalinity Plus. To decrease the alkalinity, add Swim Eeze™ pH Down in minimal portions over an extended period of time, and maintain an ideal pH range of 7.4-7.6.

## Calcium Hardness

The calcium hardness in your pool should range between 180 and 225 ppm. If calcium level is above 500 ppm, drain some water, and add fresh water. If calcium level is low, add Swim Eeze™ Hardness Plus.

## Metals

When filling your pool or adding water, it is important to have your Swim Eeze™ Dealer test a sample of the pool water to check for a trace of metals including iron, copper, and manganese. If traces of metals do appear, it is important to use Swim Eeze™ Pool Protect as soon as possible to eliminate any possibility of staining on pool surfaces.

## Cyanuric Acid

ChlorShield is a product that contains cyanuric acid. It helps stabilize the Swim Eeze™ chlorine sanitizer and helps protect from sun burn off. The cyanuric acid level in your pool should be 40 ppm. If cyanuric acid level is low, add Swim Eeze™ ChlorShield. If cyanuric acid level reaches 150 ppm or above, drain some water, and add fresh water.



## Testing Frequency

To help prevent problems with your pool, and to keep the sparkling clarity of your water, test your pool water accordingly and balance if needed:

**Chlorine Sanitizer** .....Test three times per week

**pH** .....Test three times per week

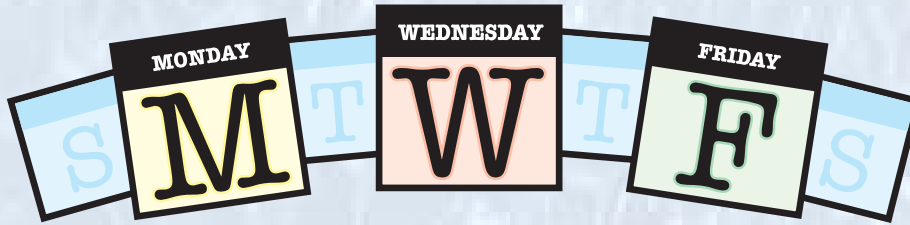
**Total Alkalinity** .....Test three times per week

**Calcium Hardness** .....Test monthly

**Cyanuric Acid** .....Test monthly







## POOL MAINTENANCE PROGRAM

MONDAY

**M**

### MONDAY

Test pH and alkalinity.

Adjust with Swim Eeze™ pH Up or pH Down.

Test Swim Eeze™ chlorine sanitizer. Add if needed.

Add 1 oz. per 5,000 gallons of Swim Eeze™ Sparkle Plus.

Add 1 bag per 16,500 gallons of Swim Eeze Super Zappit.

After heavy weekend useage we recommend shocking the pool.

Make sure the chlorine level is 1-to-3 ppm before re-entering the pool.

WEDNESDAY

**W**

### WEDNESDAY

Test pH and alkalinity.

Adjust with Swim Eeze™ pH Up or pH Down.

Test Swim Eeze™ chlorine sanitizer. Add if needed.

Add 2 ½ oz. per 10,000 gallons of Swim Eeze™ AlgaeClear 60,

*or*

4 ½ oz. per 10,000 gallons of Swim Eeze™ AlgaeClear 30.

FRIDAY

**F**

### FRIDAY

Test pH and alkalinity.

Adjust with Swim Eeze™ pH Up or pH Down.

Test Swim Eeze™ chlorine sanitizer. Add if needed.

Add 1oz per 5,000 gallons of Swim Eeze™ Pool Protect.

## Troubleshooting

### Cloudy Water

**Problem:** Cloudy water, water lacks sparkle, cannot see the floor, and appears dull.

**Solution:** Cloudiness can occur with low circulation. The pump should be circulating at least 12 hours a day, during sunlight. Be sure to check your sanitizer levels and adjust if necessary. You can use **Swim Eeze™ Sparkle Plus** to speed the process.

**Problem:** **Swim Eeze™** chlorine sanitizer level is lower than 1.0 ppm.

**Solution:** Increase amount of **Swim Eeze™ Concentrate, Tablets, or Super Sticks**.

**Problem:** Dull-looking water caused by organic contamination.

**Solution:** Use **Swim Eeze™ Pool Refresh** to oxidize the water.

**Problem:** Difficulty in maintaining 1.0-3.0 ppm free **Swim Eeze™** chlorine sanitizer residual.

**Solution:** Increase amount of **Swim Eeze™** chlorine sanitizer **Concentrate, Tablets, or Super Sticks**. Maintain a level of **Swim Eeze™ ChlorShield** at 40 ppm.

**Problem:** High pH (7.6+) and high level of total alkalinity (over 200 ppm).

**Solution:** Adjust pH to 7.4-7.6 (ideal range) with **Swim Eeze™ pH Down**.

**Problem:** Early stages of algae developing. Can feel slime on walls and floor, or see black spots or mustard algae in areas of poor circulation.

**Solution:** *Refer to algae portion of guide.*

**Problem:** Weak flow from return eyeballs, frequently backwashing, low surface activity.

**Solution:** Filter should be cleaned seasonally to remove oil and dirt buildup. Use **Swim Eeze™ Filter Renew**.

**Problem:** High levels of total dissolved solids (TDS) or calcium hardness.

**Solution:** Take a water sample to your **Swim Eeze™** dealer. You may need to drain a portion of the pool to reduce TDS levels.

## Troubleshooting

### Swim Eeze™ Chlorine Sanitizer Demand

**Problem:** Addition of **Swim Eeze™** chlorine sanitizer fails to raise the sanitizer level in the pool. Tests show low to zero **Swim Eeze™** chlorine sanitizer residual.

**Solution:** Be sure filter system is running for a minimum of 12 hours a day. Test reagents should be replaced every season. Check test reagents for freshness and certainty that they are not spoiled. Check **Swim Eeze™** chlorine sanitizer in skimmer, floater, or chlorinator. Also, make sure the chlorinator tube is free from obstructions.

**Problem:** Improper chemical balance.

**Solution:** Take a water sample to your **Swim Eeze™** dealer.

**Problem:** Algae presence.

**Solution:** Algae growth will consume a drastic amount of **Swim Eeze™** chlorine sanitizer. Refer to the algae portion of the guide.

### Scaling

**Problem:** Rough, sandpaper-like deposits on the pool's surfaces. Scale may also be built up on plumbing, pump and heater. This in turn could damage the equipment, create a loss of heater efficiency, or clog the equipment.

**Solution:** Adjust the pH to ideal level between 7.4 and 7.6. Have the water tested by your **Swim Eeze™** dealer to ensure proper calcium hardness and total alkalinity levels. Use of **Swim Eeze™ Pool Protect** will help eliminate the scaling, and will help reduce scales forming from "hard" water, or well water.



## Troubleshooting

### Algae

**Problem:** Green algae begins growing on walls, floor, and floating on the top of the water. As well as spreads quickly especially in direct sunlight.

**Solution:** Use **Swim Eeze™ Algae Buster** according to directions on the bottle.

**Problems:** Black or spot algae appears in small portions on pool's surface, then rapidly grows to larger areas including walls and floor.

**Solution:** Brush areas forcefully and use **Swim Eeze™ Algae Buster** according to directions on the bottle.

**Problem:** Mustard algae forms in dark areas of poor circulation, is easily brushed away, then quickly returns.

**Solution:** Brush areas forcefully and use **Swim Eeze™ Algae Buster** according to directions on the bottle.

### Pink Slime

**Problem:** Also referred to as pink or red slime, this bacteria is brushed away and quickly returns where it collects around ladders, skimmers, lights, pool walls at the water line, steps, and plastic surfaces.

**Solution:** Brush areas thoroughly, and apply **Swim Eeze™ Super Zappit**.

### Colored Water

**Problem:** Water is clear, but has a green, red, or brown tint.

**Solution:** The discoloration of the water is usually caused by a trace of metals in the pool. Refer to the stains and metals portion of the guide. Take a sample to your **Swim Eeze™** dealer for instructions.

**Problem:** Water has greenish tint, and is cloudy.

**Solution:** This is green algae. Refer to the algae portion of the guide.

## Troubleshooting

### Stains & Metals

**Problem:** Discolored stains appear on pool surfaces. They may be green, blue, gray, purple, brown, red-brown, or beige.

**Solution:** These stains are not easily removed by brushing off. They will need to be removed with a combination of **Swim Eeze™ Pool Protect** and **Swim Eeze™ Surface Magic**.

**Problem:** Reddish to yellowish brown stains.

**Solution:** Stains caused by iron. These stains are not easily removed by brushing off. They will need to be removed with a combination of **Swim Eeze™ Pool Protect** and **Swim Eeze™ Surface Magic**.

**Problem:** Gray, green, purple, or blue stains.

**Solution:** Stains caused by copper or iron. These stains are not easily removed by brushing off. They will need to be removed with a combination of **Swim Eeze™ Pool Protect** and **Swim Eeze™ Surface Magic**.

**Problem:** Medium to dark brown stains.

**Solution:** Stains caused by manganese, very uncommon. These stains are not easily removed by brushing off. They will need to be removed with a combination of **Swim Eeze™ Pool Protect** and **Swim Eeze™ Surface Magic**.

**Problem:** Tan or beige stains on plaster or marcite finishes.

**Solution:** This is calcium or silicate scale build up. Dirt gets trapped in the scale crystals as they form, and cause the discoloration. They will need to be removed with a combination of **Swim Eeze™ Pool Protect** and **Swim Eeze™ Surface Magic**.

## Troubleshooting

### Foaming

**Problem:** Accumulation of foam in the corners, and bubbles that remain on the pool's surface for more than a few seconds.

**Solution:** To destroy contaminants and waste in the pool water, use **Swim Eeze™ Super Zappit** or **Swim Eeze™ Pool Refresh**. Use **Swim Eeze™ AlgaeClear 60** or **AlgaeClear 30** according to measurements on directions. Use **Swim Eeze™ Surface Magic** when cleaning the walls and tiles of the pools. Do not use detergents or soaps. When washing deck area, be sure to rinse properly so cleaning solutions do not get into the pool water.

# Pool Closing

## Step One

Balance the water by testing the pH, alkalinity, calcium hardness, and adjust as needed.

## Step Two

Properly run the filter system for at least 24 hours.

## Step Three

Be sure to clean up all debris in the pool. Vacuum and sweep the walls and floor. Clean out the skimmer and pump baskets.

## Step Four

Shock water with **Swim Eeze™ Super Zappit** or **Swim Eeze™ Pool Refresh**.

## Step Five

Add the **Swim Eeze™ Winterizing Kit**. There are three kit types: one for 15,000 gallon pools, one for 30,000 gallon pools, and the SAFE-T-ZONE Kit, designed specifically for 30,000 gallon pools using a mesh safety cover. They each contain a winter stain and scale preventative, a specially formulated winterizing algaecide, and a floating canister of winterizing tablets, which contain patented oxidizers and enzymes.



## Step Six

Now that the pool is ready, contact your **Swim Eeze™** dealer for proper shut down of equipment and pool.



## Pool Safety

- Never mix swimming with alcohol; it is a dangerous combination.
- Always supervise children and guests who cannot swim, in or near the pool.
- Keep glassware away from the pool.
- Never dive into the shallow end or areas marked “No Diving.”
- Clearly mark water’s depth to prevent accidents.
- Keep area around the pool clear of debris.
- Practice safe use of diving board, slide, and toys.
- Keep a safety hook and a U.S. Coast Guard approved life preserver near the pool area in case of emergencies.





## Chemical Safety

Keep all products out of the reach of children. Always keep an eye on where any children and pets are in relation to product containers.

Handle all products carefully.

Do not inhale fumes or allow products to contact eyes, ears, nose, or mouth.

Only use products specifically recommended for chlorinators.

Never mix chemical products together. Always add product into sufficient water. Never add water to products. Gassing or explosion may occur.

Do not smoke while handling products.

Store all products in a dry, well-ventilated area with the lids securely fastened. Never store in direct sunlight. Never store products near a heat source or an open flame. Never store sanitizers next to pool equipment. Do not store liquid products above dry products. Do not store pool products and garden products (such as fertilizers, insecticides, etc.) in the same area.

Read and follow all label directions. Do not exceed directed amount. This is a costly and can be harmful to swimmers as well as your pool and equipment.

Use clean, dry, plastic cups or scoops in products requiring measuring utensils. Do not put a wet scoop back in the container.

Be familiar with first aid instructions on all product containers. Have emergency medical and poison control center phone numbers handy at all times.

Keep products away from grass and landscaping. Product spills should be handled immediately per labeled instructions.





**DISCLAIMER**

This product catalog is intended to help owners of swimming pools keep them clean, sanitized, and safe for swimmers. The guidelines herein are not intended for application to commercial pools.

Pool conditions, bather variations, and bather load will vary; accordingly, Swim Eeze and QCA Spas, Inc. do not warrant results and cannot be liable for personal injury or damage to pool surface, concrete, metal, or equipment as a result of improper use of Swim Eeze chemicals. Swim Eeze and QCA Spas, Inc. will not be responsible of incidental or consequential damages or losses arising from any cause (e.g. water or chemical damage to carpet, floors, walls, ceilings, loss of use, etc.). Swim Eeze and QCA Spas, Inc. reserve the right to change this product catalog, maintenance guide, and formulations, including the recommended guidelines without notice to the consumer. For the latest product information and recommendations, see our web site at [www.qcaspas.com](http://www.qcaspas.com).



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