PROBLEM SOLVER

Pool Care Guide

POSSIBLE CAUSE	SOLUTION	PREVENTATIVE MAINTENANCE
CLOUDY, DULL WATER		
Dirty filter	Clean filter with **Filter Fresh** or **Minute Rinse**. Renew sand filter efficiency with **Filter Rinse**.	Backwash as necessary and clean filter thoroughly as needed.
pH too high	Test pH and total alkalinity. Add **pH Down** as directed. Adjust as required.	Test frequently and maintain a pH of 7.2–7.8 and a total alkalinity level of 80-120 ppm.
Free chlorine residual too low	Test for chlorine residual and adjust as needed. Shock oxidize with **Oxy-Brite**.	Maintain free chlorine level of 1-3 ppm.
Filter not removing small particles	Use **Clear Blue** to coagulate small particles. Check filter operation.	Use **Clear Blue** (1 oz. per 5,000 gals.) weekly.
Backwashing sand filters too often	Backwash less frequently, only as recommended by the filter manufacturer's directions.	Use **Filter Rinse** once a month.
Dissolved metals in the water	Use **Sequa-Sol** to control metals in the water.	Use **Sequa-Sol** (4 oz. per 10,000 gals.) weekly.
CLOUDY, GREEN WATER		
Green Algae	Use **Algimycin 2000** or **Algimycin 600** to destroy algae. Use **Drop 'N Vac** to help remove dead algae.	Use **Algimycin 2000** (8 oz. per 10,000 gals.) weekly.
BROWN AND/OR DARK GREEN SPOTS		
Black Algae	Use **Oxy-Brite** per directions. Add **Algimycin 2000** or **Algimycin 1000** as directed and then brush pool surfaces daily until algae is gone. Use **Drop 'N Vac** to help remove dead algae.	Use **Algimycin 2000** (8 oz. per 10,000 gals.) weekly. Adjust returns to provide better water flow over affected area.
YELLOW SLIME		
Mustard algae	Clean filter with **Filter Cleanse** or **Filter Fresh**. Brush affected areas. Use **Algimycin 2000**, **Algimycin Yellow** or **Strike Out** algaecide. Use **Drop 'N Vac** to help remove dead algae.	Use **Algimycin 2000** (8 oz. per 10,000 gals.) weekly.
REDDISH BROWN WATER		
Iron or manganese dissolved in water	Use **Sequa-Sol** to suspend and inactivate stain-causing minerals. For extreme cases, use **Super Sequa-Sol**.	Use **Sequa-Sol** (8 oz. per 10,000 gals.) weekly.

POSSIBLE CAUSE	SOLUTION	PREVENTATIVE MAINTENANCE
CLEAR. GREEN WATER		
Dissolved copper from fill water; Corrosion of copper pipes or heater	Use **Sequa-Sol** or **Super Sequa-Sol** as directed. Test and adjust the pH and total alkalinity.	Use **Sequa-Sol** (8 oz. per 10,000 gals.) weekly.
STAINS & RUST		
Metals in water	Use **Stain Magnet** to remove stains. Follow with **Sequa-Sol** or **Super Sequa-Sol** as directed.	Use **Sequa-Sol** (8 oz. per 10,000 gals.) weekly.
Unbalanced water	Make necessary pH and total alkalinity adjustments.	Maintain pH of 7.2-7.8 and total alkalinity of 80-120 ppm.
CALCIUM, SCALE DEPOSITS		
pH or alkalinity too high	Correct with **pH Down** as directed.	Use **Sequa-Sol** or **Super Sequa-Sol** weekly.
Calcium content too high	Dilute pool water with water of lower hardness. Use **Sequa-Sol** or **Super Sequa-Sol** as directed.	Use **Sequa-Sol** or **Super Sequa-Sol** weekly.
SKIN & EYE IRRITATION		
Combined chlorine level is too high	Shock oxidize with **Oxy-Brite** then test the free chlorine level and adjust to maintain a residual of 1-3 ppm.	Maintain disinfectant level of 1-3 ppm at all times regardless of pool usage or weather conditions.
pH too low or too high	Test pH and correct with **pH Up** or **pH Down**.	Maintain pH of 7.2-7.8 and total alkalinity of 80-120 ppm.
CHLORINE ODOR		
Combined chlorine level is too high	Shock oxidize with **Oxy-Brite**. Test the free chlorine level and adjust to maintain a residual of 1-3 ppm.	Test chlorine level daily. Maintain pH of 7.2-7.8, total alkalinity of 80-120 ppm and a free chlorine level of 1-3 ppm.
SCUM & ODORS		
Grease and oil from swimmers	Use enzyme-action **Natural Clear** to dissolve oils and lotions. Clean walls and surfaces with **TLC**. Clean filter with **Filter Cleanse**, **Filter Fresh** or **Filter Rinse**.	Shower before entering pool. Maintain a clean filter with periodic cleaning. Shock oxidize with **Oxy-Brite** after heavy pool use. Use **Natural Clear** weekly.

GLB®

The Great Life Begins Here!

For more information, visit GLBPoolSpa.com

Welcome to GLB Pool Care!

This easy-to-use reference guide will walk you through the simple steps of caring for your pool from opening day until you close for the winter.

To get started, you will need to know the size of your pool.

My spa is _____ gallons.

Here's how to calculate the gallons:
Rectangular pool:
(length x width x average depth) x 7.5
Round/Oval pool:
(length x width x average depth) x 5.9

As you care for your pool, it is important for your pool water to be in "balance". Keeping the water chemistry balanced will prevent the water from becoming corrosive or forming scale deposits, both of which can damage pool equipment.

Your pool water should always range in the following chemistry levels:

pH: 7.2 – 7.8
Total Alkalinity: 80 – 120 ppm
Sanitizer Level: 1 - 3 ppm

When caring for your pool, keep these precautions in mind:

- Always read label directions prior to using a chemical and use only as directed.
- Always add the chemical to water and not water to the chemical.
- Never add chemicals to the water when people are in the pool.
- Never add chemicals through the skimmer system. Pour them in front of a return line or by carefully walking around the pool to distribute.
- Never mix one chemical with another prior to adding it to the water.
- Always store chemicals in a cool, dry location out of direct sunlight.

SEASON STARTUP

Refresh your pool for the start of the season in only 3 days!

Day One

1. Ask a professional pool retailer to test the water you will be using to fill your pool. Testing the water will allow you to identify what minerals and chemical factors may require attention later.
2. Check that your pool filter is clean. If it is not, use **Filter Cleanse**™ according to the directions on the label. Soak the filter overnight for best results.
3. Begin filling the pool. After the pool is filled with several inches of water, add **Sequa-Sol**® (16 oz. per 10,000 gals.). This sequestering agent will prevent minerals in the water from staining or damaging pool surfaces.
4. As the pool completes filling, add **Clear Blue**® clarifier (4 oz. per 10,000 gals.) to clear the water of small particles. Fill the pool to the middle of the skimmer or the proper level recommended by the manufacturer. Once filled, start the pump and filtration equipment. Run the pool filter overnight or 24 hours if possible. While the filter is running, vacuum and remove any debris from the pool.

Day Two

1. Add **Oxy-Brite**® non-chlorine shock oxidizer (1 lb. per 10,000 gals.) to destroy any contaminants that have accumulated in the water.
2. Test the total alkalinity levels of the pool water with **GLB 4-Way Test Strips**. Add **pH Up** or **pH Down** to adjust the pH level into the range of 7.2 to 7.8. Once the pH level is in the ideal range, adjust the total alkalinity level into the range of 80 to 120 ppm (parts per million) with **Alkalinity Up**.
3. Next, begin disinfecting the water by adding **GLB chlorine** or **bromine** until you reach the ideal sanitizer level of 1 to 3 ppm. Allow the water to circulate overnight.

Day Three

1. Prevent rapid loss of chlorine due to sunlight by adding **GLB Stabilizer**.
   Note: not applicable for bromine pools.
2. Prevent algae from developing by adding **Algimycin**® **2000** (8 oz. per 10,000 gals.).

POOL CLOSING

Ensure an easy spring startup when you close your pool correctly!

First, prepare the equipment

1. Brush pool walls and floor. Vacuum any debris from the pool floor.
2. Clean the filter with **Filter Cleanse**.
3. Lower the water if in an area where the water must be lowered due to freezing conditions. Drain all water from pipes, pumps, heaters, filters and other pool equipment to prevent damage due to freezing temperatures. If in a mild climate where the pool is left full and uncovered, refer to the manufacturer's directions regarding if the filtration system should continue to operate.

Next, treat the water

1. Add **Oxy-Brite**® non-chlorine shock oxidizer (1 lb. per 10,000 gals.) to destroy organic contaminants.
2. Add **Algimycin Winter** (32 oz. per 10,000 gals.) to prevent algae growth throughout the winter.
3. Add **Sequa-Sol** sequestering agent (16 oz. per 10,000 gals.) to protect the pool from stains and scale formation.

If in a mild climate where the pool is left full and uncovered with the filtration system still operating, regularly add your **GLB sanitizer**, **Algimycin Winter** and **Sequa-Sol**.

GLB Pool Care Kit

The GLB Pool Care Kit comes complete with everything you need to start up your pool for the season including **4-Way Test Strips**, **Oxy-Brite**, **Clear Blue**, **Sequa-Sol**, **Algimycin 2000**, **Filter Cleanse**, **Natural Clear** and a water sample bottle.

EASY MAINTENANCE

Keep your water crystal clear with this easy 3–day routine!

We recommend following these steps on Friday, Sunday and Wednesday, but you can choose any three days that are most convenient for you.

FRIDAY

1. Test the pH, total alkalinity and sanitizer levels with **GLB 4-Way Test Strips**. If necessary, adjust the levels with **pH Up**, **pH Down**, **Alkalinity Up** or by replenishing your sanitizer.
2. Add **Algimycin**® **2000** (8 oz. per 10,000 gals.) to prevent algae formation.
3. Add **Sequa-Sol**® (4 oz. per 10,000 gals.) to prevent stains and scale.
4. Add **Natural Clear**® (8 oz. per 10,000 gals.) to prevent an oily scum line.
5. Lastly, add **Clear Blue** (2 oz. per 10,000 gals.) to remove particles that dull the water.

SUNDAY

1. Vacuum the pool and clean out the skimmer basket.
2. Wipe off the water line with a soft towel. Occasionally use **TLC**® cleaner for heavy buildup at the waterline.
3. Add **Oxy-Brite**® (1 lb. per 10,000 gals.) to rid water of contaminants.
4. Check the filter's operation. Refer to the filter manufacturer's directions regarding when to backwash or clean the filter. Use **Filter Rinse**™ each time the sand filter is backwashed.

WEDNESDAY

Test the pH, total alkalinity and sanitizer levels with **GLB 4-Way Test Strips**. If necessary, adjust the levels with **pH Up**, **pH Down**, **Alkalinity Up** or your **GLB sanitizer**.

GLB Pool Closing Kit

For added convenience, use the GLB Pool Closing Kit, which comes complete with **Oxy-Brite**, **Sequa-Sol** and **Algimycin Winter**.