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SPA CARE

Welcome!

to GLB's Rendezvous spa care

This easy to use reference card will walk you through how to care for your spa from the day you fill it through months to come.

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

MY SPA IS _____ GALLONS
 (ask your dealer or refer to your spa's manual)

As you care for your spa, please keep in mind that a spa is not merely a small pool. Due to the higher water temperature and small amount of water in a spa, four people in a spa is equivalent to 300 individuals in a backyard swimming pool. For this reason, it is very important to maintain your spa to ensure it is clean and properly sanitized.

A key part of this maintenance is keeping your water "in balance." Keeping water chemistry balanced will prevent the water from becoming corrosive or forming scale deposits, both of which can damage pool equipment.

Your spa water should always range in the following chemistry levels:
 pH READING: 7.2 - 7.8
 TOTAL ALKALINITY: 80-120 PPM
 SANITIZER LEVEL: 3-5 PPM

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

- **Never** heat your spa water above 104°. This could cause serious health hazards.
- **Always** shower before using the spa.
- **Always** read label directions prior to using a product and use only as directed.
- **Always** add the chemical to a bucket of water and not water to the chemical when mixing a product.
- **Never** add chemicals to the water when people are in the spa.
- **Never** add chemicals through the skimmer system. Carefully distribute the chemical by pouring it in the center of the spa with the circulation system running.
- **Never** mix one chemical with another chemical prior to adding to the water.
- **Allow** several minutes to pass before adding another chemical.
- **Store** chemicals in a cool and dry location out of direct sunlight.

SPA START-UP

① FILL THE SPA:

1. Have a professional spa retailer test the water you will be using to fill your spa. Testing the water for pH, total alkalinity, and calcium hardness will inform you about any water balance adjustments that may need to be made.
2. Check that your filter is clean. If it is not clean, use **FILTER FRESH** according to label directions. Soak filter overnight if necessary.
3. Before filling the spa, protect your spa's finish by applying **SPA LUSTRE**. Once spa is polished, begin filling the spa. As the spa is being filled, add **PROTECT PLUS** (2 oz./250 gals.) This sequestering agent will prevent minerals in the water from staining spa surfaces, plus it contains a clarifying agent to gather small particles and leave spa water sparkling.

② BALANCE THE WATER:

2. Test the pH and total alkalinity levels of the pool water with **GLB 4-WAY TEST STRIPS**. Add **SPA INCREASE** or **SPA DECREASE** to adjust pH level in ideal range of 7.2 - 7.8. Once the pH level is in ideal range, adjust the total alkalinity level to and ideal range of 80-120 ppm (parts per million) with **ALKALINITY UP**. When both the pH and alkalinity are in their ideal ranges, you can also use **pH MAGIC** to lock in the pH and alkalinity level until the next time you refill or add water to the spa.

③ ADD SANITIZER:

1. Now begin disinfecting the water by adding Rendezvous **ENHANCE & ACTIVATE**, **BROMINATING DISINFECTANT TABLETS**, or **CHLORINATING CONCENTRATE GRANULAR**.

- If you are using the **ENHANCE & ACTIVATE** system:
Add **ENHANCE** (4 oz./250 gals.). Then add **ACTIVATE** (4 oz./250 gals.) to "activate" the bromide in the water into active bromine sanitizer.
- If you are using **BROMINE**:
Add **BROMA-START** (1 oz./250 gals.). Then add **BROMINATING TABLETS** following directions indicated on floater label.
- If you are using **CHLORINE**:
Add **CHLORINATING CONCENTRATE GRANULAR** (1-1/4 teaspoons/250 gals.).

2. After adding a sanitizer, circulate the spa water and then test your sanitizer level with **GLB 4-WAY TEST STRIPS**.

The bromine or chlorine level should read between 3-5 ppm.

NOTE:

This program is designed for an average residential spa with average usage. It is not intended for commercial or public spas. If your spa is used by more than two people three times per week, you should test the spa water and make chemical additions more often than suggested.

EASY MAINTENANCE

IDENTIFY WHICH OF THE THREE SANITIZING SYSTEMS YOU ARE USING & FOLLOW THE PROGRAM BELOW TO EASILY MAINTAIN YOUR SPA

ENHANCE / ACTIVATE	BROMINE	CHLORINE
EVERY DAY OF THE 3-DAY PROGRAM		
<ul style="list-style-type: none"> • Test pH, alkalinity, and sanitizer levels with 4-WAY TEST STRIPS and adjust levels as necessary. • After spa use, add ACTIVATE (2 oz./250 gals.). 	<ul style="list-style-type: none"> • Test pH, alkalinity, and sanitizer levels with 4-WAY TEST STRIPS and adjust levels as necessary. • Replenish BROMINATING TABLETS in bromine floater as needed. 	<ul style="list-style-type: none"> • Test pH, alkalinity, and sanitizer levels with 4-WAY TEST STRIPS and adjust levels as necessary. • Add a dosage of CHLORINATING GRANULAR (1-1/4 teaspoons/250 gals.).
MONDAY		
<ul style="list-style-type: none"> • Add PROTECT PLUS (1 oz./250 gals.) to prevent stains and scale. • Add SPA CLARIFIER (1 oz./250 gals.) to clear and prevent cloudy water. 	<ul style="list-style-type: none"> • Add PROTECT PLUS (1 oz./250 gals.) to prevent stains and scale. • Add SPA CLARIFIER (1 oz./250 gals.) to clear and prevent cloudy water. 	<ul style="list-style-type: none"> • Add PROTECT PLUS (1 oz./250 gals.) to prevent stains and scale. • Add SPA CLARIFIER (1 oz./250 gals.) to clear and prevent cloudy water.
WEDNESDAY		
<ul style="list-style-type: none"> • Add ENHANCE (1 oz./250 gals.) to maintain bromide reserve. 	<ul style="list-style-type: none"> • Add ACTIVATE (4 oz./250 gals.) to shock treat spa water. 	<ul style="list-style-type: none"> • Add ACTIVATE (4 oz./250 gals.) to shock treat spa water.
FRIDAY		
<ul style="list-style-type: none"> • Add NATURAL CLEAR (1/2 oz./250 gals.) to break down oils and lotions and prevent scum lines. 	<ul style="list-style-type: none"> • Add NATURAL CLEAR (1/2 oz./250 gals.) to break down oils and lotions and prevent scum lines. 	<ul style="list-style-type: none"> • Add NATURAL CLEAR (1/2 oz./250 gals.) to break down oils and lotions and prevent scum lines.

REMEMBER TO SHOCK YOUR SPA FREQUENTLY!

In a spa, organic contaminants such as body oil, lotions and perspiration build up quickly. It is necessary to oxidize or 'shock' them out. For consistent, quality water, shock treat with **ACTIVATE**, a non-chlorine shock. The combination of sanitization and oxidation will keep your spa water clean, fresh and sparkling. If you use your spa more than 3 times per week, **ACTIVATE** should be added more frequently than the one time per week suggested in the **Easy Maintenance Program** above.

OCCASIONALLY

- Use small amounts of **FOAM OUT** to reduce foaming and sudsing when it occurs.
- Use **SPA CLEANSE** to remove calcium deposits, dirt, oil, and grime from waterline and decking surface.
- Clean filter periodically with **FILTER FRESH** or for fast cleaning use spray-on **MINUTE RINSE**.
- Refill the spa with fresh water at least every three months. Before refilling spa, use **SPA LUSTRE** to protect the spa's finish.

Spa Water PROBLEM SOLVER

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POSSIBLE CAUSE	SOLUTION	PREVENTATIVE MAINTENANCE
CLOUDY, DULL WATER		
Dirty filter	Clean filter with Filter Fresh or Minute Rinse .	Spa Clarifier used weekly (1 oz. per 250 gallons) will help the filter remove small particles that cloud water. In addition, clean filter as needed.
pH balance and total alkalinity incorrect	Test pH and Alkalinity. Adjust levels using Spa Increase , Spa Decrease , or Alkalinity Up . Lock in pH level between 7.0 and 8.0 range with pH Magic until spa is refilled.	When spa is refilled add pH Magic (3 lbs. per 500 gallons) to lock in correct pH level.
Excessive organic contaminants	Shock treat with Activate to destroy contaminants. Treat with Natural Clear to break down oily water.	Add a dosage of Activate (4 oz. per 250 gallons) to shock treat and regenerate the bromine sanitizer. Add Natural Clear (1 oz. per 500 gallons) weekly to prevent oily build up.
Dissolved chemical solids in water	Use Spa Clarifier to help filter remove small particles.	Once a week or whenever spa water appears cloudy add Spa Clarifier (1 oz. per 250 gallons).
Calcium too high (hard water)	Use Protect Plus regularly. Replace some of the water.	Add Protect Plus (1 oz. per 250 gallons) weekly to inactivate dissolved minerals in the water.
CLOUDY, GREEN WATER		
Low alkalinity level	Use Alkalinity Up .	Test often and maintain total alkalinity of 80-120 ppm.
Low sanitizer level	Test and adjust sanitizer level, shock with Activate .	Shock treat with Activate (4 oz. per 250 gallons). Maintain sanitizer level of 3-5 ppm.
BROWN WATER		
High iron or manganese content	Use Protect Plus .	Use Protect Plus (1 oz. per 250 gallons) to suspend and inactivate minerals that cause water discoloration.
CLEAR, GREEN WATER		
High copper or iron content	Use Protect Plus .	Use Protect Plus (1 oz. per 250 gallons) to suspend and inactivate minerals that cause water discoloration.
CHALKY, WHITE SCALE DEPOSITS		
Mineral deposits in water	Use Protect Plus . Check water balance and adjust as needed.	Add Protect Plus (1 oz. per 250 gallons) weekly to prevent calcium scale formation.
SKIN & EYE IRRITATION		
Excessive organic contaminants	Shock treat with Activate .	Shock treat with Activate (4 oz. per 250 gallons) weekly.
pH too low or too high	Test pH and Alkalinity. Adjust levels using Spa Increase or Spa Decrease .	Use pH Magic (3 lbs. per 500 gallons) to lock in correct pH levels.
ODOR		
Excessive organic contaminants	Shock treat with Activate . Use Enhance/Activate system for ongoing sanitizing. Use Natural Clear to prevent oily buildup.	Shock treat with Activate (4 oz. per 250 gallons) at least once a week to destroy contaminants. The Enhance/Activate system ensures routine shock treatment and replenishment of sanitizer residual.
FOAMING		
High concentration of chemicals, body oils, cosmetics and other contaminants due to heavy bather load.	Use Foam Out . Shock treat with Activate .	Shock treat with Activate (4 oz. per 250 gallons) at least once a week to destroy contaminants. Drain and refill spa at least every 90 days.
Calcium hardness too low	Use Liquid Calcium Hardness Up .	Test and adjust to maintain recommended water balance levels.
PITTING OF METAL FIXTURES OR PLASTER SPA SURFACES		
pH and/or total alkalinity too low	Adjust total alkalinity and pH balance of water with Spa Increase and Alkalinity Up .	Test and adjust as necessary to maintain pH level of 7.2-7.8 and total alkalinity of 80-120 ppm. When spa is refilled with fresh water, add pH Magic (3 lbs. per 500 gallons) to lock in correct pH level.
SCUM DEPOSITS ON WATERLINE		
Body oils and dirt	Use Spa Cleanse to clean spa surfaces. Use Natural Clear regularly to reduce scum and odor-causing oils, lotions and organic materials in water.	Add Natural Clear (1 oz. per 500 gallons) once a week to remove scum lines and protect filter from oily buildup and clogging.