



Complete Spa Care



Simple & Easy Spa Care Guide

for Spas & Hot Tubs

Second Edition



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HaloSource, Inc.

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Family togetherness, relaxation, therapy or a romantic interlude—there are many rewarding reasons people own a spa or hot tub. Whether to escape from the pressures of the day, socialize with family and friends, give the kids a place to play, heal an aching body or sooth emotions, every spa owner depends on clean, clear water. Following the SeaKlear Spa maintenance programs will assure pristine and inviting water that everyone can enjoy.

SeaKlear Spa products are simple and easy to use, providing everything needed to make chemical maintenance hassle free. This book will provide you with simple spa care programs that provide optimal long-term care. So relax, spa treatment can be simple—the SeaKlear way.



Eco-Friendly

Look for SeaKlear Spa Eco-Friendly products, which are made from all natural ingredients. Since its beginning, SeaKlear has been a leader in supplying Eco-Friendly pool and spa products. Our first Product, SeaKlear Natural Clarifier, is made from all-natural Chitosan—a substance derived from shrimp and crab shells. The Chitosan used in SeaKlear products is recycled waste from the seafood industry. Last year SeaKlear processed almost 900,000 pounds of shrimp and crab shells that otherwise could have ended up in landfills.



Using SeaKlear Eco-Friendly products can help reduce the amount of harsh chemicals required to treat your water and help extend the life of your water, all which help to lower a spa's impact on the environment.

Start Fresh

Spa maintenance can be an intimidating task for anyone. By following a few simple steps and a consistent SeaKlear program however, you can ensure the highest water quality and minimize typical maintenance related problems. Whether starting up a brand new spa, restarting after a scheduled water change or revitalizing after a long dormant period, the process is essentially the same. The most important thing to remember is to always start fresh to get spa maintenance off to a good start.

Clean Start Program

It is important to remove all potential contaminants from the spa from the very beginning. This is a simple process for a new spa, but becomes more critical as the spa ages.

Step 1: Clean the shell.

The primary focus is to remove residue and contaminants from inside the tub. Clean the shell thoroughly using **SeaKlear Thick Tile & Vinyl Cleaner** according to label instructions.

Step 2: Clean the cover.

Significant amounts of scum and chemical

Eco-Friendly Tip!

When soaking, use garbage liners to line the inside of a garbage can or bucket large enough to hold your filter. Using this method saves water and ensures you do not waste product. Be sure to test the pH of the water used to clean your filter before discarding.



Thick Tile & Vinyl Cleaner

Breaks down and removes scale, film, oil and scum lines. This nonabrasive formula reaches deep down into pores to remove unwanted soils.

Item Code
SKL-T-C

Item Description
Thick Tile & Vinyl Cleaner, Quart

UPC
XXXXX

#/Case
12



residue can accumulate on the spa cover. This can cause maintenance issues and lead to odor problems during use. To avoid this, when changing the water, the cover should be thoroughly cleaned using **SeaKlear Thick Tile & Vinyl Cleaner**.

Note: For a brand new spa, simply rinse and wipe down the cover and inside to remove any debris accumulated in shipping, storage or delivery.

Step 3: Clean the Filter

To ensure peak filter performance, it is best to clean the filter weekly or after any heavy use. To clean, remove the filter cartridge and use **SeaKlear Spa Filter Cleaner Spray** according to label instructions. Every three months or when the filter becomes heavily soiled, perform a deeper clean by soaking the cartridge in a solution of **SeaKlear Spa Filter Cleaner & Degreaser** overnight according to label instructions. Rinse thoroughly the next day and replace.



Filter Cleaner Spray

This simple spray formula cleans filters easily and effectively.

Item Code	Item Description	UPC	#/Case
1140300	Chlorine-Free Shock, 2 lb.	90804	12



Filter Cleaner & Degreaser

Effective for soaking and deep cleaning all filter types.

Item Code	Item Description	UPC	#/Case
1140201	Filter Cleaner & Degreaser, quart	90412	12



Water Balancing Program

After filling the spa with fresh water, the following steps should be completed.

Note: It is important to know what type of source water will be put into the spa. Some areas have soft water and some have hard



water. Some use well water and others use treated water from a municipality or city. For help determining the water source, contact the water supplier.

Step 1: Treat for metals and minerals

No matter what type of water being used, **SeaKlear Spa Metal Control** should always be added immediately upon

filling to prevent metal stains from source water.

Step 2: Treat for hard or soft water issues

Soft water- has very little mineral content, which means the water will be aggressive to the equipment. If the water is untreated, it can cause damage to the pump, filter or heater. To prevent damage, use **SeaKlear Spa Calcium Increaser** according to label instructions. One ounce of product per 500 gallons increases water hardness by 7 parts per million (ppm).



Metal Control

For use when first filling or refilling, especially in areas that have water with high metal or mineral content. Helps prevent staining from dissolved metals.

Item Code	Item Description	UPC	#/Case
1140102	Metal Control, pint	90581	12



Treatment with **SeaKlear Spa Calcium Increaser** should be done first, immediately upon filling the tub. Do not attempt to balance soft water until it has been treated and the calcium hardness of the water tests at a minimum of 150 ppm. Calcium hardness should always be maintained between 150 to 400 ppm.

Hard water- contains a lot of minerals such as calcium and magnesium. This type of water will require special attention when balancing to account for excess minerals. If hard water is not dealt with properly, it can lead to the formation of scale on the tub's surfaces and damage to the equipment. In hard water areas, it is recommended that **SeaKlear Spa Stain & Scale Control** be used at least once per week.

Step 3: Balance pH and Total Alkalinity

When dealing with spa or hot tub water, there are two main adjustments to be made:



Calcium Increaser

Liquid formula used to raise total hardness. Use in areas with naturally soft water.

Item Code	Item Description	UPC	#/Case
1140402	Calcium Increaser, quart	90579	12



Stain & Scale Control

Helps prevent stain and scale buildup on spa and hot tub surfaces and equipment. A must for areas with hard water.

Item Code	Item Description	UPC	#/Case
1140106	Stain & Scale Control, quart	90583	12



Total alkalinity—This creates a buffer in the water so it can resist any acids that may be added to (many of the chemicals used in spa treatment are mild acids). Apart from hardness, this is one of the most important water balance adjustment to be made. The total alkalinity acts as a control to the pH. The pH cannot be properly adjusted if the total alkalinity is out of the suggested range. The recommended total alkalinity range in spas and hot tubs is 80 to 140 ppm.

If the total alkalinity reading is low, use SeaKlear Spa Alkalinity Up as follows:

1. Add 1 ounce (2 tablespoons) to spa water with the circulation on.
2. Allow water to circulate for 30 minutes.
3. Retest water and repeat steps 1 and 2 until the desired level is reached.

Note: For best results, dissolve granular products first by adding to a small plastic pail filled with water.

pH—This is a measurement of the acids or bases in the water. A low pH indicates the water is primarily acidic. A high pH means the water is more base or alkaline. The recommended pH for spas is 7.2 to 7.8, the ideal being 7.4.

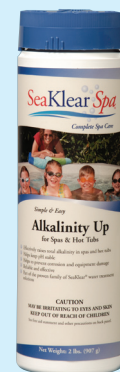
Both total alkalinity and pH can be checked by using a recommended test strip for spa use. Test the water and adjust as needed.



Alkalinity Up

Use to raise the total alkalinity.

Item Code	Item Description	UPC	#/Case
1140403	Alkalinity Up, 2 lb.	90594	12
1140404	Alkalinity Up, 5 lb. bucket	XXXXX	XX



If the pH is above 7.8, lower both the total alkalinity and pH by using **SeaKlear Spa pH Reducer** as follows:

1. Turn on the air blower of the filter system.
2. Add 1 ounce of **SeaKlear Spa pH Reducer**.
3. Retest the water after 30 minutes.
4. Follow steps 1 through 3 until the pH is in the range of 7.2–7.8 and the total alkalinity is between 80–140 ppm.

Note: Do not add more than 1 ounce of product at a time. Always wait 30 minutes between doses and test the water before each addition.

If the pH is below 7.2, raise it by using as follows:

1. Turn on circulation jets.
2. Add 1 ounce of **SeaKlear Spa pH Increaser** for every 100 gallons of spa water.
3. Retest water after 30 minutes.



4. Follow steps 1 through 3 until the pH is in the range of 7.2–7.8 and the total alkalinity is 80–140 ppm.
- Note:** Always wait 30 minutes between doses and test the water before each addition.

You can also easily adjust and stabilize the pH by using **SeaKlear Spa pH Steady*** as follows:

1. Only add **SeaKlear Spa pH Steady** to freshly filled spa water.
2. When filling or refilling your spa, adjust the pH to a range of 7.2 to 7.8.
3. Add the entire contents of **SeaKlear Spa pH Steady** (one quart) with the filter running. One quart treats up to 500 gallons of spa water.



pH Reducer

A fast-acting liquid formula to lower the pH and total alkalinity for proper water balance.

Item Code	Item Description	UPC	#/Case
1140400	pH Reducer, quart	90584	12



pH Increaser

A liquid formula used to raise the pH as needed.

Item Code	Item Description	UPC	#/Case
1140401	pH Increaser, quart	90585	12



pH Steady

Great for areas with naturally soft water. A simple way to bring pH into the correct range and lock it in place.

Item Code	Item Description	UPC	#/Case
1140203	pH Steady, quart	90588	12



- The product will stabilize the pH to the correct range of 7.2 to 7.8.
- If the water clouds, run the filter for four hours and treat with **SeaKlear Spa Natural Clarifier**.

***Note: SeaKlear Spa pH Steady** is not recommended for areas of hard water where the calcium hardness is over 300 ppm.

Start-Up Program

The most visible measure of the health and attractiveness of a spa is the clarity of its water. A clear spa is an attractive spa. Keeping sediment, residue and organic buildup out of the spa is a critical part of maintaining pristine clarity. But maintaining water clarity is more vital than just aesthetics; it improves efficiency, reduces odors and increases enjoyment of the spa. Once the water is properly balanced, begin the simple SeaKlear Shock, Floc & Sanitize Start-Up Program.

Step 1: Shock

Shocking with a strong oxidizer clears the water of organic materials, eliminates odor and prepares the spa for sanitization. Once the water has

Eco-Friendly Tip!

Shock weekly with **SeaKlear Spa Chlorine-Free Shock Oxidizer** to ensure all bather waste and contaminants are oxidized (burn up) without using extra harsh chemicals such as sanitizers. This also helps reestablish the free available chlorine or bromine residual insuring maximum performance of your sanitizer.



Chlorine-Free Shock

A superior shock product containing the highest active oxygen in the industry— no fillers. Shocks with active oxygen instead of chlorine so swimming can resume just 15 minutes after treatment. Use weekly to keep water clean, clear and free of musty and chemical odors.

Item Code	Item Description	UPC	#/Case
1140300	Chlorine-Free Shock, 2 lb.	90804	12



been tested and adjusted, shock with SeaKlear Spa Chlorine-Free Shock Oxidizer, using 2 ounces for up to 500 gallons of water. Add the shock over the top of the water with the circulation jets on. Leave the cover off of the tub for one hour after using **SeaKlear Spa Chlorine-Free Shock Oxidizer**.

Eco-Friendly Tip!

Both **SeaKlear Spa Natural Clarifier** and **SeaKlear Spa PRS** are all natural and 100% green. These products do not add oils or other unnecessary synthetic materials to the water.

Step 2: Floc

Floccing removes very small particles of dirt and oil that cause cloudy water and scum lines. An initial dose of **SeaKlear Spa Natural Clarifier** should be added at the rate of 2 oz per 500



Natural Clarifier

An all-natural clarifier that keeps water clear and sparkling. When used regularly, this effective formula also keeps metals down, removes oils and keeps filters cleaner longer. SeaKlear Spa Natural Clarifier has been trusted as reliable, safe and effective for more than 15 years.

Item Code	Item Description	UPC	#/Case
SKS-B-P	Natural Clarifier, pint	90503	12
SKS-B-Q	Natural Clarifier, quart	90403	12
1060008	Natural Clarifier Tablets, 8 packXXXXX		XX



PRS

This unique, patented, dual polymer system provides superior clarity for even the most heavily used spas and hot tubs. Great for use after parties! Helps trap *Cryptosporidium*, *E coli*, *Giardi* and algae for removal by the filter.

Item Code	Item Description	UPC	#/Case
1140104	PRS—Stage 1 & 2, pints	90613	6



gallons. If the fill water is extremely cloudy, or additional performance is desired, use **SeaKlear Spa PRS**.

Step 3: Sanitize

Sanitizing is an essential step in caring for any spa. Sanitizers destroy germs and disinfect the water. There are two types of sanitizers in the SeaKlear Spa line.



Spa-Sanitizing Granules

A balanced and quick-dissolving form of chlorine that provides effective disinfection of the water.

Item Code	Item Description	UPC	#/Case
1140005	Spa-Sanitizing Granules, 2 lb.	90591	12



Brominating Tablets

An effective and popular means for disinfecting spa and hot tub water.

Item Code	Item Description	UPC	#/Case
1140001	Brominating Tablets, 1.5 lb.	90589	12
1140002	Brominating Tablets, 3.5 lb.	90590	8



Sodium Bromide

Use to establish a bromine reserve when used with brominating tablets. Can also be used to create a bank of bromide salt for use with bromine generators.

Item Code	Item Description	UPC	#/Case
1140003	Sodium Bromide, 1 lb.	90010	12



Chlorine

If using a chlorine maintenance program, turn on the circulation system and ensure that it is operating properly. Over the surface of the water, scatter approximately 3 teaspoons of **SeaKlear Spa-Sanitizing Granules** per 500 gallons of water. Always use a clean, dry, plastic scoop. Maintain 3 ppm free available chlorine (FAC) while the spa is in use. Test for FAC with a test strip and add additional product if needed. Add **SeaKlear Spa-Sanitizing Granules** after each use or as needed during use to maintain a 3 ppm level of FAC.

Bromine

If using a bromine maintenance program, add **SeaKlear Spa Sodium Bromide** at a rate of 1/2 ounce per 100 gallons of water. Let the water circulate for at least 30 minutes. Introduce one of the **SeaKlear Spa Brominating Tablets** for every 100 gallons of spa water with the use of a floating tablet feeder or automatic brominator installed on the spa equipment. Adjust the tablet feeder or brominator to obtain an active bromine residual of at least 3 ppm. Maintain the spa by adding three tablets per 300 gallons every five to seven days or as needed to maintain an active bromine residual of 3 ppm at all times.

Bromine Generator

Some spa systems may be equipped with an automatic device that creates bromine by using electrolysis. These are typically

known as bromine generators. They require an increased amount of sodium bromide to operate. High phosphates in the water can interfere with these devices and keep them from working properly. When working with a spa that uses a bromine generator, use **SeaKlear Spa Phosphate Remover** weekly at a rate of 1 ounce for up to 500 gallons of water.

SeaKlear Weekly Maintenance Program

Test and Adjust

pH and Total Alkalinity—Using an approved test strip, check the water pH and total alkalinity and adjust if necessary.

Sanitize—Test to make sure the sanitizer level is correct. The ideal level of bromine is 4-6 ppm; the minimum accepted level is 2 ppm. The ideal level of chlorine is 3 ppm FAC. If sanitizer levels are low, add and adjust product according to label instructions.

Monday: Shock

Test and adjust the water as needed. Once the water is properly balanced, shock with **SeaKlear Spa Chlorine-Free Shock Oxidizer** using 2 ounces for up to 500 gallons of water. Add the shock over the top of the water with the circulation jets on. Leave the cover off of the tub for one hour after treatment.



Phosphate Remover

The most effective phosphate remover formula on the market, containing two times more active ingredient than any other brand.



Item Code
1140105

Item Description
Phosphate Remover, pint

UPC
90536

#/Case
12



Wednesday: Floc

Test and adjust the water as needed. After testing and adjusting, add 2 ounces of **SeaKlear Spa Natural Clarifier** per 500 gallons of water to the spa or hot tub with circulation jets on. Allow circulation to run for 30 minutes after adding **SeaKlear Spa Natural Clarifier**. For heavily used spas, try **SeaKlear Spa PRS** according to label instructions.

Friday: Sanitize

Test and adjust the water as needed. Add sanitizer according to test levels.

Bromine—Add more **SeaKlear Spa Brominating Tablets** if needed. Make sure the bromine level is at least 2 ppm; the ideal level of bromine is 4–6 ppm.

Chlorine—The chlorine level should be maintained at 3 ppm. Add **SeaKlear Spa-Sanitizing Granules** as needed according to test results.

Treating Problems

Now that we have established some basic spa maintenance programs, we can visit other opportunities to further reduce the time you spend treating it.

Problem: Heavy Use

SeaKlear Solution: A heavily used spa will often have foamy, smelly water that can be full of harmful cysts, bacteria and water born diseases. A spa in this condition will be difficult to keep clean, fresh, sanitary and safe. All heavily used spas should be preventatively treated with **SeaKlear Spa PRS** according to label instructions:

1. Add 1 oz per 500 gallons of **SeaKlear Spa PRS – Stage 1** to the water with the circulation jets on.
2. Let the water circulate for 30 minutes then add 1 oz per 500 gallons of **SeaKlear Spa PRS – Stage 2** and allow the filter to run for 4-6 hours.

It is permissible to add stronger doses as needed for increase bather load. The initial dose should be added one hour prior to or during the slowest period of use. The frequency of dosing should be adjusted for bather load, turbidity and frequency of backwashing. **SeaKlear Spa PRS** will keep the spa looking and smelling great while trapping water born diseases.



Self-Floccing Defoamer

Stops foaming and removes the dirt and oils that cause it.

Item Code	Item Description	UPC	#/Case
SKF-W-Q	Self-Floccing Defoamer, quart	90410	12



Problem: Foam

SeaKlear Solution: Foam is often caused by soft water or high amounts of dirt and oil in the water. For immediate treatment, use **SeaKlear Spa Self-Floccing Defoamer**. Use **SeaKlear Spa Natural Clarifier** or **SeaKlear Spa Enzyme Klear** to remove organics and oils. Note:

Other defoamers may treat the symptom (foaming) but do not treat the real problem (organic and inorganic waste). **SeaKlear Spa Self-Floccing Defoamer** is the only defoamer in the industry with patented, all-natural self-floccing capabilities. This is crucial in order to break down the bubbles and remove the waste products causing the foaming.

Eco-Friendly Tip!
SeaKlear Spa Enzyme Klear naturally breaks down and removes oil from the finish.

Eco-Friendly Tip!

Treat foam naturally with **SeaKlear Spa Enzyme Klear** or **SeaKlear Spa Natural Clarifier**. Other brands of clarifiers and defoamers add oils or synthetics to the water, which will increase foaming problems over time.

Problem: Algae

SeaKlear Solution: While algae is rare in most spas and hot tubs, it can cause unsightly, slimy build-up especially in concrete or plaster in-ground tubs. The best way to treat algae is always to

prevent it by keeping the spa or hot tub properly sanitized and balanced. If you do encounter an algae outbreak, it is best to contact your professional spa service professional.



Enzyme Klear

Natural enzymes for use in heavily used spas and hot tubs where oil is a problem. Works very well with **SeaKlear Spa Natural Clarifier**.

Item Code	Item Description	UPC	#/Case
1140103	Enzyme Klear, pint	90582	12





Problem: Oil Build-up

SeaKlear Solution: Another issue that occurs time and time again in spas is an oily build-up at the water line. When this occurs, raise the water level above the scum line and add 2 to 4 ounces per 500 gallons of **SeaKlear Spa Enzyme Klear**. Prevent future oil build up by using **SeaKlear Spa Natural Clarifier** weekly.

Problem: Scale

SeaKlear Solution: Spas are especially susceptible to scale build-up due to their high water temperature and evaporation rate. To remove scale once it has occurred, use a stiff bristled brush and **SeaKlear Thick Tile & Vinyl Cleaner**. To prevent scale from forming, **SeaKlear Spa Scale Control** should be used weekly.

Problem: Stains

SeaKlear Solution: One of the most unsightly issues in spas is staining. Stains come from a number of different sources including metals, minerals, cobalt, tannins, organics, source water and more. All stains can be treated with the proper care and instruction, however no one product is capable of treating them all. It is important to test the stain and determine its cause first, then treat according to the SeaKlear Stain Care Guide below.

Metal Product Comparison Chart

Product & Dosage:	Features & Benefits:
SeaKlear Natural Stain Remover: 2 lb. per 20,000 gallons	<ul style="list-style-type: none"> • All-natural citric acid formula • Excellent for vinyl, fiberglass and plaster • Good spot treatment for metal, scale and organic stains • Effectively removes tannin, organic, copper, iron and manganese stains from pool surfaces • Great cleanup prior to using other SeaKlear metal products • Must be used with SeaKlear Metal Klear to sequester the metals
SeaKlear Stain Klear: 2 lb. per 20,000 gallons	<ul style="list-style-type: none"> • Excellent for gunite, plaster and hard surfaces • Can be used as a spot treatment for metal, scale and organic stains • Effectively removes copper, iron and manganese stains from pool surfaces • Must be used with SeaKlear Metal Klear to sequester the metals
SeaKlear Metal Stain Control: Stain Removal: 1 qt. per 10,000 gallons Maintenance: 6-8 oz. per 10,000 gallons	<ul style="list-style-type: none"> • Ideal for stain removal and the metals that cause staining • Use for regular pool maintenance • Controls scale • Prevents staining • Effectively sequesters metal contaminants • Best used for metallic stain prevention and prevention of hard water scaling
SeaKlear Metal Klear: Stain Removal: 2 qt. per 10,000 gallons Maintenance: 6-8 oz. per 10,000 gallons	<ul style="list-style-type: none"> • Prevents metal staining • Helps clear discolored water caused by high metals • Best maintenance product for removing metals in all types of pools • Phosphate-free formula • Ideal for pools with salt systems • Excellent for use in high-phosphate areas
SeaKlear Stain Prevention & Remover–Professional Strength: Stain Removal: 1 qt. per 20,000 gallons Maintenance: 6-8 oz. per 10,000 gallons	<ul style="list-style-type: none"> • Most effective metal prevention and removal product available • Professional-strength, proprietary blend • Superior product for iron and copper removal • Removes and prevents metal stains from iron, copper and other metals • Reduces scale buildup • Controls scale and metals

Problem: Draining and Restarting

SeaKlear Solution: Draining and restarting is a critical element to properly maintaining a spa. Due to heavy use in most spas, it is best to drain and restart on a regular basis. Refer to the SeaKlear Water Change out Formula below for proper calculation.

Eco-Friendly Tip!

The best way to avoid unnecessary draining is to follow the SeaKlear Weekly Maintenance Program. This will reduce the need for treatment with harsh chemicals and prolong the use of water between drainings.

Water change out formula:

Spa gallons \div 3 \div Users per Day =
Number of days to draining

Example:

500 gallon spa \div 3 \div 2 Users per
Day = Drain every 84 days.

At a minimum, all spas and hot tubs should be drained and filled with fresh water every six months.

Problem: Cloudy Water

SeaKlear Solution: Cloudy water can result from a number of causes including lack of sanitizer, a need for shocking or clarifier. When cloudy water occurs, first test the water and balance as necessary. If the water is balanced and the sanitizer level is sufficient, shock with a normal dose of **SeaKlear Spa Chlorine-Free Shock Oxidizer** and **floc with SeaKlear Spa Natural Clarifier**. If the water still does not clear, check the filter and clean or replace the cartridge as needed using **SeaKlear Spa Filter Cleaner & Degreaser** or **SeaKlear Spa Filter Cleaner Spray**. Check the water balance and adjust as needed. To achieve pristine water clarity use **SeaKlear Spa PRS** as follows:

1. Add 1 oz per 500 gallons of **SeaKlear Spa PRS Stage 1** to the water with the circulation jets on.
2. Let circulate for 30 minutes then add 1 oz per 500 gallons of **SeaKlear Spa PRS Stage 2** and allow the filter to run for 4-6 hours.

It is permissible to add stronger doses as needed for higher bather loads. For best results, the initial dose of **SeaKlear Spa PRS** should be started one hour prior to or during the slowest period of use. The frequency of dosing should be adjusted according to

bather load, turbidity and frequency of backwashing. See label instructions for details.

Problem: Colored Water

SeaKlear Solution: Colored water is often caused by a high level of metals such as copper or iron in the water. First, check the water balance as a low or high pH can cause copper to precipitate. If needed, treat with **SeaKlear Spa Metal Control** and a triple dose of **SeaKlear Spa Natural Clarifier**. Adjust the water balance as necessary. Do not shock until the water clears as oxidation can also cause iron to drop out of solution and stain the tub. Use **SeaKlear Spa Metal Control** upon filling and **SeaKlear Spa Natural Clarifier** weekly to prevent colored water.



Problem: Chemical Odors and Eye and Skin Irritation

SeaKlear Solution: A spa with odors and/or causing irritation of the skin and eyes can indicate

several issues. If the spa water is more than six months old or due for refilling, drain and refill. If the water is not due for change (see SeaKlear Water Change out Formula on page XX), the water balance should be checked for proper sanitizer level, pH and alkalinity balance. Adjust as needed. Once the water is balanced, shock with **SeaKlear Spa Chlorine Free-Shock Oxidizer** and dose with **SeaKlear Spa Natural Clarifier**. Make sure the cover is left off when shocking. If the water still has issues, check the Total Dissolved Solids (TDS). If high, drain and refill.

Problem: Skin Rashes

SeaKlear Solution: Many skin rashes are caused by source water bacteria such as pseudomonas. Use **SeaKlear Spa PRS** to trap contaminants and bacteria in the spa filter. Rashes can also

be caused by poor water balance. The water should be checked for sanitizer, pH and total alkalinity levels and adjusted as needed. Shock with **SeaKlear Chlorine-Free Shock Oxidizer** and floc with **SeaKlear Natural Clarifier** as necessary. Be aware that an extremely small percentage of users have allergies to chlorine or bromine and should consult a doctor.

Problem: Bio-films

SeaKlear Solution: If the spa is not properly maintained and sanitized, a bacteria containing slime can form on filters and in the plumbing. This bio-film can contain disease causing bacteria. It is important to clean filter cartridges monthly using **SeaKlear Spa Filter Cleaner Spray**. After cleaning, rinse thoroughly with a high pressure nozzle to breakup and prevent bio-film formation.

Problem: Decrease in Water Level

SeaKlear Solution: A slight decrease in water level (up to one inch of water per day) is likely due to a small leak in the tub surface or piping and can be treated with **SeaKlear Spa Leak Sealer**. First, turn the filter to bypass or remove the filter cartridge. Turn the heater off. Treat the spa with one pint of **SeaKlear Spa Leak Sealer** per 750 gallons according to label instructions. Turn the pump on after 30 minutes and allow to run for at least 8 hours. Shut off the spa for 24 hours. Reinstall the filter cartridge and run for one hour then rinse cartridge with water. If water loss continues, contact a leak professional.



Leak Sealer

Easily and effectively seals minor leaks (up to one inch of water per day).

Item Code	Item Description	UPC	#/Case
1140204	Leak Sealer, pint	90414	12



Chlorine & Bromine Spa Kits



SeaKlear Spa Chlorine Spa Kit & SeaKlear Spa Bromine Spa Kit contain everything needed to open and maintain a new spa or hot tub.

- A simple and easy system for spa and hot tub water maintenance
- Includes the *SeaKlear Spa Simple & Easy Spa Care Guide*

Contains:

- **SeaKlear Spa Natural Clarifier**, 8 oz.
- **SeaKlear Spa Chlorine-Free Shock**, 8 oz.
- **SeaKlear Spa Metal Control**, pint
- **SeaKlear Spa pH Increaser**, pint
- **SeaKlear Spa pH Reducer**, pint
- **SeaKlear Spa Self-Floccing Defoamer**, 8 oz.
- **SeaKlear Spa Stain & Scale Control**, 8 oz.
- Chlorine kits include **SeaKlear Spa-Sanitizing Granules**, 8 oz.
Bromine kits include **SeaKlear Spa Brominating Tablets**, 8 oz., and **SeaKlear Spa Sodium Bromide**, 8 oz.
- Test Strips

Item Code	Item Description	UPC	#/Case
1140500	Bromine Spa Kit	90032	6
1140501	Chlorine Spa Kit	90033	6

Spa & Hot Tub Troubleshooting

Problem	Cause	Solution
Cloudy water	Lack of sanitizer	Test and add SeaKlear Spa Brominating Tablets and SeaKlear Spa Sodium Bromide or SeaKlear Spa-Sanitizing Granules as needed.
	Improper water balance	Test and adjust pH and total alkalinity using SeaKlear Spa Alkalinity Up , SeaKlear Spa pH Increaser or SeaKlear Spa pH Reducer . In areas where hardness is below 250 ppm use SeaKlear Spa pH Steady to lock in and hold Total Alkalinity and pH.
	High level of organics	Use SeaKlear Spa Natural Clarifier or SeaKlear Spa PRS .
	Dirty filter cartridge	Check filter cartridge and then clean with SeaKlear Spa Filter Cleaner Spray . If needed, soak filter overnight with SeaKlear Spa Filter Cleaner & Degreaser
Brown, green or black water	Metals in water such as iron, copper or manganese	Add SeaKlear Metal Klear then test water balance and adjust as needed.
Foam	Soft water	Test then adjust hardness using SeaKlear Spa Calcium Increaser .
	Excess oils and dirt	Use SeaKlear Spa Self-Floccing Defoamer or SeaKlear Spa Enzyme Klear .
Musty odors	Lack of sanitizer	Test and add SeaKlear Spa Brominating Tablets and SeaKlear Spa Sodium Bromide or SeaKlear Spa-Sanitizing Granules as needed.
	Buildup of organics	Shock with SeaKlear Spa Chlorine-Free Shock Oxidizer .
	Water overdue for changing	Drain, clean and refill the tub.
Chemical odors	Combined chlorine too high—excess organics	Shock with SeaKlear Spa Chlorine-Free Shock Oxidizer followed by SeaKlear Spa Natural Clarifier .
Eye, skin irritation and irritating odors	Low pH	Test for metals then test and adjust the pH as needed using SeaKlear Spa pH Increaser .

For other problems or questions regarding your spa or hot tub water, visit www.seaklearspa.com.

SeaKlear Spa Family of Spa & Hot Tub Products





Simple & Easy Spa Care Guide

for Spas & Hot Tubs

Second Edition

General Spa & Hot Tub Safety

- Never heat the water higher than 104°F.
- Limit soaking time to 20 minutes, allowing time to cool off before reentering the spa or hot tub.
- Use care when consuming alcohol and using a spa or hot tub.
- NEVER leave children unsupervised in a spa or hot tub.
- Make sure the spa's main drain is equipped with a safety anti-vortex cover that prevents entrapment and entanglement of hair.
- Do not let children play around the bottom drain area.
- Always store spa and hot tub chemicals in a cool, dry area
OUT OF THE REACH OF CHILDREN.