

# SpaEase™ Chemicals Caring for Your Hot Tub



## SpaEase Chemicals are formulated to Save You Money and Make Caring for Your Spas Easy!

They are specifically formulated for hot tubs (not swimming pools) providing the best results for hot water environments. They include the highest concentration of active ingredients and assure a consistent formula in every bottle. This saves you money and minimizes frequency of usage.



- **Starting Up Your Spa**
- **Balancing Your Water**
- **Cleaning Your Filter**
- **Proper Use of Sanitizers**
- **Weekly Maintenance**
- **Drain & Fill Your Spa**

For detailed explanations of the most Frequently Asked Questions on how to care for your hot tub please refer to our "SpaEase FAQ Guide".

## Starting Up Your Spa

1. Make certain power is off and spa shell is clean. For homes with high mineral content we recommend using a "Sediment Pre-Filter".
2. Add 8 oz. of Stain & Scale for every 250 gallons of water during fill up.
3. When the spa is full, turn on the power, set your desired temperature and check that the filter cartridge(s) are clean and properly installed.
4. Now while the water is still cool, test the hardness level and add SpaEase "Calcium Increaser" if necessary.
5. Once water has reached a minimum of 95 degrees test the pH and Alkalinity levels and adjust with SpaEase pH Up or Down if necessary.
6. Select your Sanitizer choice and add in according to instructions.
7. Install a "Mineral Purifier Stick" in your filter area to reduce sanitizer usage by 50%.

### Weekly Maintenance of Your Water Chemistry

1. Test pH, Alkalinity, Sanitizer, and Hardness levels regularly, especially on new spas.
2. Add 2 oz. of "SpaEase Natural and Clear" each week.
3. Add 2 oz. of "SpaEase Protection Plus" each week. If your water has a high mineral count use Stain & Scale in replace of Protection Plus.
4. Add Sanitizer as required.
5. Remove & clean filters using "SpaEase Instant Filter Cleaner" every 2 weeks. See "Proper Filter Care" for maintaining and caring for your filters.

### How to Properly Drain and Fill Your Hot Tub

1. Turn off power to your spa and begin to drain either by "Gravity Feed" or using a submersible pump (pump will dramatically quicken the draining process).
2. Clean the acrylic surface first with "All Purpose Cleaner" before refilling spa. To maintain color and a lasting sheen apply "SpaGloss" every 6 months.
3. Remove and clean Filter Cartridges with "SpaEase Filter Cleaner".
4. Before draining spa, remove filters, pour in 16 oz. of Jet Line Cleaner, open all air valves, turn on all pumps for 15 minutes, then off for 45 minutes, and back on again for 5 minutes. This will help rid bacteria and algae from plumbing lines and should be done every 6 months. Ideal for in-home jetted bathtubs as well.

**RECOMMENDATION:**  
Spa water should be drained and refilled every 3 to 4 months depending on usage. To accurately know when to drain use TDS Test Strips.



Jet Line Cleaner

Stain & Scale

Mineral Purifier

Calcium Increaser

Sediment Pre-Filter

# Balancing Your Water

Your pH should be kept between 7.2 and 7.8, the ideal alkalinity level is between 80-150 ppm, and calcium hardness should stay within 150 and 250 ppm for spas.

## Raising pH/Alkalinity

1. For every 500 gallons of spa water
  - a. If pH is between 6.8 – 7.2 add one oz. of “SpaEase Ph/Alkalinity Up”
  - b. If pH is less than 6.8 add two oz.
2. Allow filtration pump to run 1 to 3 hours, retest and repeat Step 1 if necessary.

## Lowering pH/Alkalinity

1. For every 500 gallons of spa water add ½ oz. of “SpaEase Ph/Alkalinity Down”
2. Allow filtration pump to run 30 minutes, retest and repeat Step 1 if necessary.

RECOMMENDATION: For best results dissolve pH Up or Down in a small bucket of spa water and then pour back into the spa.

## Raising Hardness

To raise the hardness of your water just 45 ppm add 3 oz. of “Liquid Calcium” for every 300 gallons and then allow filtration pump to run for 30 minutes. Then retest and add more if necessary.

NOTE: In hot water you can add only 3 oz. every 30 minutes but in cold water you can add up to 12 oz. Some test strips include a hardness reading, but to get a more accurate reading we make available “Hardness Test Strips”.

## Water Clarity

To maintain crystal clear water, add 2 oz. of “Natural & Clear” weekly. If foaming occurs, “SpaEase Foam Away” will eliminate it. For those who bring body oils, hairspray, etc. into spa water floating sponges under the name “Sun Sorb” work extremely well, and are reusable.

CONVERSION TABLE: 1 Tablespoon = 3 Teaspoons = ½ oz.





# Proper Use of Sanitizer

## Chlorine

### ON INITIAL FILL

1. Turn on jet pumps and add 1/2 Teaspoon of “SpaEase Chlorine Granules” for every 100 gallons of water. Wait 5 minutes and add 2 oz. of “SpaEase Activator” and activate jet pumps for 5 minutes then allow filtration pump to remain active.

### REGULAR MAINTENANCE

2. Add 2 oz. of “SpaEase Activator” after using your spa with 1-2 adults add 1 oz. more for each additional user.
3. Test water every other day and add “SpaEase Chlorine Granules” as needed to maintain a 3 to 5 ppm chlorine residual. This can be reduced to 1 -3 ppm if you are using a “SpaEase Mineral Purifier Stick”.

## Bromine Tablets

### ON INITIAL FILL

1. Turn on jet pumps and add 4 oz. of “SpaEase Brom Bank” for every 300 gallons of water. Wait 5 minutes and add 2 oz. of “Spa Activator” then activate jet pumps for 5 minutes, then allow filtration pump to remain active.
2. Place one “SpaEase Bromine Tablet” per every 100 gallons of water (3 Tablets for a 300-gallon spa) into “Bromine Floating Dispenser”. Adjust opening of Floating Dispenser from 1/2 open to wide open depending on water capacity, frequency of usage, and whether you are using a “SpaEase Mineral Purifier Stick”

### REGULAR MAINTENANCE

3. Add 2 oz. of “SpaEase Activator” after using your spa with 1-2 adults and 1 oz. more for every additional user.
4. Replenish your Floating Dispenser so that the tablets never fully dissolve. They should last for about 5 to 7 days. If they fully dissolve, repeat steps 1 & 2.
5. Regularly test and maintain a bromine level of 3 to 5 ppm. This can be reduced to 1 to 3 ppm if you are using the “SpaEase Mineral Purifier Stick”.

For help in choosing a sanitizer please consult our “SpaEase FAQ Guide”





# Cleaning Your Filter

## Regular Maintenance

Filter Cartridges should be surface cleaned with “SpaEase Instant Cartridge Cleaner” every 2 to 3 weeks depending upon usage. This removes loose matter debris and minimizes the build-up of oils, minerals, and scale that could harm your spa equipment.

TO USE: Simply spray on cartridge, wait 3 to 5 minutes, rinse thoroughly with a garden hose and replace. For best results, along with extending the life of your cartridge, it is best to use a hose attachment product like “Water Wand”.

For spas with a skimmer basket we recommend using a “Filter Saver” to help prevent clogged baskets that could damage your filter and pumps.

## Deep Soak Cleaning

Filter Cartridges should be deep soaked in a solution of water and “SpaEase Filter Cleaner” each time you change the water in your spa. Deep soak cleaning helps remove body oils, grease, soap film, minerals, scale, etc. that will embed and get soaked into the pleats of your filter.

TO USE: Mix 8 oz. for every 1.25 gallons of water (5-gallon bucket requires 32 oz.) in a bucket large enough to fully immerse your filter cartridge(s). Always add “SpaEase Filter Cleaner” to water, never add water to “Filter Cleaner”. Before placing the cartridges into the solution rinse off any loose debris. Allow filter cartridges to soak for 8 to 10 hours. Then remove cartridges, rinse thoroughly and allow them to fully air dry before replacing them into your spa.

RECOMMENDATION: Keep an extra filter cartridge on hand to use while cleaning the dirty filter. This allows filter pleats to breathe and extends the life of each filter.

## Protecting Your Cover

To extend the life of your Vinyl Cover use “SpaEase Cover Conditioner” every 3 months. Especially important for covers located in direct sunlight.

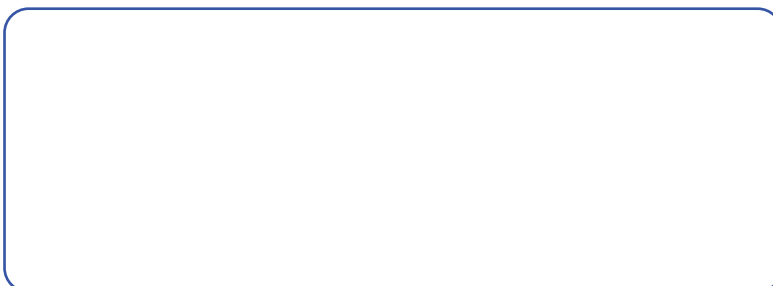


# SpaEase™ Troubleshooting Guide

Problem	Most Common Cause	Proposed Solution
Cloudy Water	Dirty Filter ..... Improper pH/Alkalinity ..... High Bacteria Count ..... High Calcium Level .....  High Total Dissolved Solids ... Cosmetics or Oils .....	Clean existing filters or replace with new filters Add SpaEase pH Alkalinity Up or Down as required Shock with appropriate Sanitizer Partially drain & refill your spa. Have water brought in. Use your home's water softener if available.  Totally drain and refill your spa Add SpaEase Natural & Clear Use Sun Sorb to absorb oils
Brown Water	High Mineral Count .....	Add SpaEase Stain & Scale or Protection Plus
Yellow Water	Low pH .....	Add SpaEase pH Up
Green Water	Algae Growth .....	Shock with Chlorine Granules
Scum Line	Cosmetics or Oils in Hot Tub...	Clean Shell with SpaEase All Purpose Cleaner Remove & Clean Filters Add SpaEase Natural & Clear Use Sun Sorb
Musty Odor	High Bacteria Level ..... Algae Growth .....	Clean the underside of your cover w/ SpaEase All Purpose Cleaner Shock water with Sanitizers. If growth remains drain hot tub using SpaEase Jet Line Cleaner
Foaming	Soft Water..... Detergents in Swimwear ..... Body Oils and/or Cosmetics... High TDS Level..... High pH Level..... Poorly Formulated Chemicals High Powered Jets w/Air Open	Add SpaEase Liquid Calcium to harden water Add Foam Away, rinse swimwear before entering tub Add Foam Away and shower before entering tub Fully drain your spa and refill with new water Add Foam Away and add pH Down as required Discard chemicals purchased from mass merchants Add Foam Away prior to using spa. This will help but may not fully resolve issue.
Low Jet Pressure	Dirty Filters ..... Calcium Deposit Build-Up ....	Clean existing filters or replace with new filters This may be corrected by draining & refilling water and cleaning jets or it may require a service call
Water Takes Long to Heat	May be Calcium Deposit Buildup on Heater Element ...	A new heater will correct the problem and provide a higher efficiency including lower electric bills

For more detailed explanations please refer to our "SpaEase FAQ Guide"

SpaEase Chemicals are exclusively sold through our approved dealer network that are trained to answer all your questions on spa usage and water chemistry.



**MAKE CERTAIN TO FOLLOW ALL INSTRUCTIONS IN YOUR HOT TUB MANUAL FOR SAFE USE**