

A Guide to Hot Tub Care and Maintenance

Spas and More!
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Given by www.spasandmorestl.com

PLEASE FOLLOW THE STEPS ON THIS PROGRAM SHEET FOR SET-UP, DAILY, AND WEEKLY MAINTENANCE OF YOUR HOT TUB.



THE IDEAL WATER BALANCE

Test	Ideal Range	Associated Product
pH	7.2 - 7.8 PPM	SpaBoss pH Minus, SpaBoss pH Plus
Total Alkalinity	80 - 120 PPM	SpaBoss pH Minus, SpaBoss Alka-Rise
Calcium Hardness	150 - 250 PPM	SpaBoss Cal-Rise
Chlorine	1.0 - 3.0 PPM	SpaBoss Chlor-Aid

SPA CHEMICAL GUIDE

Test Strips Checks for recommended levels of chemicals

Cal-Rise Raises calcium hardness

Alka-Rise Raises total alkalinity

pH Plus Raises pH; helps prevent eye and skin irritation

pH Minus Lowers pH and total alkalinity

Chlor-Aid Chlorine sanitizing agent

Spa Shock Oxidizes organic contaminants

Defoamer Temporarily removes foam

Descummer Enzyme that helps break down oils

Prevent II Sequestering agent that prevents staining and scale formation

FOUR STEPS TO STARTING UP YOUR SPA

***To Be Completed at Initial Start-up and any Subsequent Refills of the tub**

Step 1: Fill spa with unsoftened water ONLY to the "MINIMUM FILL LINE" shown on a sticker in the filter well or near the filter weir. Please take out the filter or filters and put your hose into the filter hole closest to your spa's control panel!

Step 2: Add **2 ounces of PREVENT II** as water is being added. Always circulate water for 10-15 minutes when you add *any* chemicals to your water. If well water is used or water with high mineral content, **add 4 ounces of PREVENT II** instead of 2.

Step 3: Test water for pH and Alkalinity using the test strips. Adjust using appropriate chemicals as necessary to achieve acceptable levels. Refer to the information on the PH and Alkalinity bottles for the correct amounts to add for adjustments.

****DO NOT proceed with start up until the pH and Alkalinity are in the acceptable range!**

****IMPORTANT: LET WATER CIRCULATE FOR 24 HOURS TO ALLOW THE ECO-PUR SYSTEM TO FILTER OUT UNWANTED MINERALS BEFORE PROCEEDING TO NEXT STEP. ****

Step 4: Add 2 ounces of CHLOR-AID (granulated sodium di-chlor) to begin sanitizing the spa water

Spa Maintenance Schedule

After Each Use: Add 1 tablespoon of SPA SHOCK to circulating spa water

Weekly: Test chlorine levels and adjust free chlorine levels to 2 to 5 PPM.

Weekly: Check ALL spa filters and clean thoroughly spraying with a garden hose. Make sure to spray up and down in between all pleats. Using the dish washer is NOT recommended.

As Needed: Add 1 ounce of DESCUMMER to circulating water to eliminate body oils, perspiration residue and other scum that will accumulate. Do not put in the same day as Chlor-Aid!

As Needed: If water is cloudy or hazy, ADD one or two tablespoons of Chlor-aid.

Once or Twice a Week: Check ALKALINITY and pH using your test strips and adjust as necessary.

Quarterly: Clean your outer filters (NOT ECOPUR MINERAL CARTRIDGES) ONLY, using a cartridge filter cleaner.

Every 9 to 12 Months: Drain and refill your spa and replace the EcoPur Mineral Filters. Then, repeat start-up procedures.

Helpful Hints:

-Always shower and rinse off prior to using your spa to maintain clean, healthy spa water.

-ONLY ever add 1 or 2 drops of DEFOAMER to your spa water. Use a shop vacuum to remove excess foam at any-time it is needed.

-Always double rinse to get as much detergent out of swim wear as possible.

-It is normal that there be no chlorine residual showing on your test strip during normal operation!

-Always follow this sheet's instruction, NOT the bottle's instruction.

Cover Maintenance Tips:

--Every six months, remove and turn over all styro-foam inserts to keep cover from sagging in the middle.

Every time you change the water, clean the underside of your cover with clean water and a mold & mildew remover.

-Always keep the vinyl spa cover clean and treat it with a cover treatment every 2-3 months, like 303 protectant.

-Always leave your cover open for at least 15 minutes after adding Chlorine to the spa water.

Problem	Possible Causes	How to Fix It
"It smells like chlorine!"	Excessive chlorine	Shock water with Spa Shock treatment
	Low pH	Adjust pH if necessary
"The spa water smells bad!"	Low levels of sanitizer	Adjust sanitizer level with Chlor-Aid
	pH out of range	Adjust pH if necessary
	Bacteria or algae growth	Adjust sanitizer level with Chlor-Aid
"I have cloudy water."	Dirty filters or inadequate filtration	Clean filters with cartridge cleaner and adjust filtration
	Water chemistry is not in balance	Check PH and Alkalinity and adjust accordingly, add chlor-aid as needed
	Suspended particles or organic materials	Clean filters and add chlor-aid
	Old water	Change spa water
"The water is irritating my eyes and skin."	Unsanitary water	Shock spa with Spa Shock
	Free Chlorine Level above 5 PPM	Allow levels to drop below 5 PPM
	Poor sanitizer/pH levels	Adjust according to spa test strip results
"My water keeps foaming!"	High levels of body oils, lotions, soap, etc.	Add small amount of Defoamer and check water chemistry
"I'm getting a flow or heater related message"	Dirty clogged filters	Clean or change the filters
"I have scum deposit at the waterline."	High levels of body oils and dirt	Use a multi-purpose cleaner to clean the spa surfaces and add Descummer to the water
"My water has chalky, white scale deposits."	Minerals in the water	Add Prevent II