

### **Basic Water Sanitization Guide. Needed items:**

Baking Soda

Sanitizer, (Technical ingredients should begin with 'Sodium-Dichlor.....') Granulated! (Clorbrite).

Swimming Pool Clarifier . (Spa clarifier is diluted pool clarifier – pool clarifier is better value).

Anti-Foam (Foam eliminator).

Pool/Spa Test Strips. You should be able to get everything from Lowes or local pool supplier, (Leslies).

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### **Alkalinity and PH Setup**

Add approx ½ – 2/3 box of baking soda to water with jets running.

Wait a few minutes and test the water with a test strip. (Always keep top on test strips closed).

You want the alkalinity level to be 180 – 220 (on test strip).

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### **Initial Sanitizer**

Add enough sanitizer just to cover the bottom of the cap. Wait a few minutes. Use test strip to ensure sanitizer is 2-4 ppm.

Use carefully! This stuff is very powerful.

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### **Clearing Up Cloudy Water**

Use clarifier if water becomes cloudy. Use the no more than two capfuls at a time. Water should clear up within 4-12 hours.

Use of clarifier will cause foam, and mud like substance to accumulate on top of the water and on the edge of the spa wall. Use anti-foam VERY sparingly. I usually drill a small hole in the top of the cap – that way it can be easily squirted where the foam is.

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### **Maintenance of Water Chemistry**

Check the water ph, alkalinity, and sanitizer (chlorine) levels at least once a week. If the spa hasn't been used in a while, be sure to test the water prior to use. Add sanitizer if needed. Spa can be used right away. Add baking soda as needed to keep ph as close to 7.2-7.4 as possible and alkalinity level above 180.

If alkalinity level or ph is too high, do NOT add ph down (acid). Simply give the sanitization process time to bring it down on it's own. This could be several days.

The more you use the spa, the more often the spa should be drained and refilled.

Every day use: Drain monthly.

2-3 times every week: Three month intervals.

1 time per week: 3-6 months, depending upon your test results and the appeal of the water, (smell, appearance etc).

This guide is designed as an optimum maintenance method for all users. There is no one set amount of chemicals that every body should use... it will vary based on the number of users, body chemistry, how often the spa is used, and the mineral content of the water.

The use of sanitizer tablets with a floater can be substituted for the granulated type, but you must maintain close watch over the sanitizer level that accumulates in the water as it can become excessive in a short amount of time! Use of a filter cannister type bromine dispenser is discouraged as it can lead to a cracked cannister, as well as overly high concentrations of sanitizer in the cannister itself, which will damage your pump.

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