## **Hot Tub/Jetted Bath Plumbing & Jet Cleaner**

### Flushing & Decontaminating Hot Tub/Spa Plumbing & Jets

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Every 4-6 months you should purge your hot tub (SPA) of exfoliated skin, harmful bacteria and other gunk that is clinging inside the plumbing infrastructure. This is a simple process. Add about 1 tablespoon (3 level teaspoons) of our gel to a 300 -350 gallon hot tub just prior to your maintenance purge. Use less or more according to your hot tubs water capacity. Run the pump(s) to attain maximum circulation. Be sure to open air intake valve(s). Foaming will appear quickly inside the vessel. This is NORMAL. Remove and rinse the filter(s) and place inside the hot tub water. Run the jets and blower (if equipped) up to 30 minutes. Shut the system down and drain and rinse the hot tub with fresh water. Remove the filter(s) from the tub and rinse off with a hose. They'll be deep cleaned as never before. Many filters harbor bacterial biofilm if not cleaned properly. Place the filter(s) back into the filter cavity. Wipe the hot tub as clean as possible, getting the sticky gunk off the interior finish. Be sure to dump as much of the dirty water as possible after doing this cleaning purge. Ideally, you get all the water out of the tub after this cleaning. Use rubber gloves and a good cleaner when you rinse and wipe the shell. Mixing 1/8th of a level teaspoon of Ahh-Some Gel to 32 ounces of water in a trigger spray bottle will make a wonderful cleaner for the acrylic shell wipe down. If your spa has a blower with air channel (holes in the bottom), this will be very difficult unless you can literally lift the spa so that the water in the channel flow to one area that you can scoop out. Some people use a shop vacuum to suck the remaining water out of the air channel system. That's it! Fill the hot tub with water to proper level. Add balancing chemicals and a sanitizer as usual. Remember to do this clean-out purge every 4-6 months so your water maintains a clear, fresh and balanced look. Water can hold only so much particulate matter before it begins to look cloudy and stressed. It is perfectly ok to drain the hot tub/spa Ahh-Some treated water on grass, flowers or plants.

## **Important Information You Should Know**

Many hot tub owners find that maintaining their water so it is always crystal clear and inviting can be a difficult task. The reasoning here is that small water volumes with high contaminant concentrations, in hot water environments, can wreak havoc on water chemistry and sanitizer levels. If your hot tub is consuming more than average amounts of sanitizer on an ongoing basis and you need to keep bumping the levels up to keep it sanitary, you probably have a biofilm issue within the system. Brand New hot tubs from the factory should have the plumbing purged before the first use. Manufacturers run water through the plumbing system to pressure and leak check before shipping. New tubs are NOT

totally drained of this pre-check water fill allowing bacterial biofilm, sludge, manufacturing gunk and other contaminants to colonize in the plumbing. Be sure to purge and clean with Ahh-Some before you start using your new hot tub for the first time and continue this purge process every 4-6 months. Ahh-Some has been efficacy tested at America's leading Center for Biofilm Engineering, Montana State University, against many different brand named cleaning products. Test results can be seen at www.Ahhsome.com. The way to keep your hot tub water healthy and inviting is to remember to do the following. Balance the water chemistry pH and total alkalinity. Maintain adequate sanitizer levels at all times. Purge the plumbing & jets with Ahh-Some as directed every 4-6 months. Use a reliable test kit regularly to check pH, total alkalinity and sanitizer levels. Do this and we GUARANTEE you the best water quality ever.

More instructions on other side

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## Ann-Some<sup>®</sup> Instructions Continued...

Jetted Tubs or Whirlpool bathtubs are defined as tubs that are used for bathing or soaking and drained after each successive use. This is not to be confused with Hot Tubs or Spas where the water is used for 4-6 months.

#### Fill the Jetted Tub or Whirlpool Bath over the top jets. You can use hot or cold water, although hot/warm water dissolves the gel faster.

Add 1/2 teaspoon of gel cleaner for a typical jetted or whirlpool tub. Our 2 ounce container = 12 teaspoons. The 6 ounce container = 36 teaspoons. Our 16 ounce Serviceman/Commercial container = 96 level teaspoons of gel. You can pre-mix the gel with water or simply swirl it around with your hand at the start. Start the jets so water is flowing through the system. Hot, warm or cold water is fine. There is no difference in cleaning performance. If you have an <u>air intake nozzle</u> (usually on top by the controls), open it to get ambient air to circulate into the tub and out the jets. This will cause an almost instant foaming to occur. Foaming can be controlled easily by reducing the amount of air entering the tub through the top venturi(s). This is NORMAL. However, if your tub is overflowing with foam, you probably used too much gel. You want some foam to develop in this cleaning process, usually 3-6 inches on top of the water. Run the jets up to 15 minutes with the air intake valve (discussed previously) open. You should see brown specks and other dark colored particulates floating on the foam and clinging to the acrylic or porcelain tub. Now, drain the water and let the foam dissipate and drain. Next, fill the tub up again and run the jets for a minute or so to get any clinging gunk from the jets that didn't come out previously. Rinse the tub with fresh water and wipe out the gunk that will be sticking to the inside of the tub with a spray cleaner. Mixing 1/8<sup>th</sup> of a level teaspoon of Ahh-Some to 32 ounces of water will make a great shell cleaner. Just get a 32 ounce empty trigger spray bottle at a dollar store and you're in business. Be sure to use gloves and not touch the gunk we eliminate from your plumbing and jets. Always use a bathroom cleaner and /or Ahh-Some cleaner in a well-ventilated room. Avoid breathing in the air around the tub while the purge is going on. You may wish to open a bathroom window or door while cleaning the tub with any product. Our product is a chemical friendly formula that really works. If your tub is older and has not been properly cleaned in the past, it may be necessary to do this entire cleanout "purge" procedure more than once. This is NORMAL! Each time you will see remnants of the bio and gunk that is inside your system. Layer by layer we will work off the plague-like gunk that is spewing into your tub as brown or black flecks. Eventually, it will remove all of the build-up. This can be frustrating but the cleaning process is simple and fast. Successive cleanings, after the initial purge, need 1/2 the typical amount of gel. You can use our product by itself or with 1/2 cup of bleach during the cleaning purge. Bleach is a sanitizer and it will kill the biofilm bacteria the Ahh-Some will purge. Leave the bathroom during the cleaning cycle once you know there is no excessive foam overflowing. Ahh-Some is a nonacidic, septic tank safe product that will NOT harm o-rings, seals or plumbing connections.

# You should see a brownish scum on the tub/whirlpool shell after cleaning with Ahh-Some. This is NORMAL! This is the stuff you were exposing yourself to.

Contact your local Ahh-Some dealer or go to www.AhhSome.com for more information on biofilm and how our product can assist in it's removal. Call us at 860-896-0836 if you have questions. Our email address is: spppres@yahoo.com