## Ahh-Some Hot Tub/Jetted Bath Plumbing & Jet Cleaner

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 60-90 days.

## 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 one 1 level teaspoon of gel per 100 gallons of water. Typical jetted tubs are 50-75 gallons filled over the top jet, so you may need half a teaspoon to do the job. Our 2 -ounce container = 8 teaspoons. The 6- ounce container=24 teaspoons. Our 16 -ounce Serviceman/Commercial container= 64 teaspoons of gel. You can premix 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 air intake nozzle (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 with 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 & 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 clean-out "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 plaque-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, needs ½ the typical amount of gel. You can use our product by itself or with ½ 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 Non-Acidic 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.

## **Cleaning Hot Tubs or Spas**

Every 90 days or so 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 -gallon hot tub just prior to your maintenance purge. Use less or more according to your hot tubs water capacity. Run the Pump(s) and Blower to attain maximum circulation. Be sure to open air intake valve(s). Foaming will appear quickly inside the vessel. This is NORMAL. Remove 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 the Legionella and other bacteria 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 like stuff off the interior finish or acrylic sheet. 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 1/8<sup>th</sup> 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 an blower with an 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 in 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 60-90 days so your water stays the freshest possible and maintains a clear and fresh balanced look. Water can only hold so much before it looks sick. This is why you dump the water at 90 day or so intervals.

Filtered and Sanitized Tubs. Within the trade, it has always been known that there are chemical & economical limits to what can be done to keep these types of tubs safe and sanitary. Small water volumes + high contaminant concentrations + warm water = harsh water quality conditions. The belief has been that if we dump often enough and maintain proper chemistry between dumps, we are doing enough. However, the news about biofilm and it's resistance to traditional sanitizers changes the rules. Dumping removes the dirty, stressed water, leaving the pipes, equipment and tub surface covered in potential problems from plugged pipes to colonized bacteria and germs. The new emphasis, being driven by the scientific community worldwide, is to dislodge and remove the buildups that can cause or contribute to these problems. When used as directed, Ahh-Some Hot Tub/Jetted Bath Plumbing & Jet Cleaner penetrates and removes plugging and odors caused by Biofilm and other organic contaminants.

Go to <a href="www.AhhSome.com">www.Ahh-Some.com</a> for more information on Biofilm and how our product can assist in it's removal. Call us at 860-896-0836 with any questions. You can email us <a href="mailto:open.com">open.com</a> spppres@yahoo.com