

White Flake Spa Water Cleaning Treatment That is Not "White Mold"

Follow the procedure below to clean spa water that exhibits one or more of the following conditions: This condition could be just high calcium flaking or a Calcium Stearate Issue.

- 1) White flakes that are not white-water mold (if present, be sure to follow all steps below)
- 2) "Fizzy" or effervescent water when the jets are on (clear when jets are off)
- 3) Cloudy or "milky" water when the jets are on (clear when jets are off)
- 4) Foamy water when the jets are on (clear when jets are off)

Note: For mild cases, the addition of the Hydrogen Peroxide only (Steps 7 - 13) will likely be sufficient to clean the spa water. It is important to let the peroxide soak in the tub for the required time for up to 72 (3 full days) for this treatment to be effective.

Procedure: SPA WATER NEEDS TO BE SET AT 104!! WATER NEEDS TO BE HOT!

- 1) Perform an extended pipe purge cleaning for 4 days: Add 1 dose of purge product (e.g., Ahh-Some) at start, and another dose on day 3. No need to overdose. This is concentrated and works the best for this issue.
- 2) Ensure water level is raised higher than normal to get water into all air lines.
- 3) Open all air valves, center diverters and cycle all jet pumps a few times daily to work solution through all water and air lines.
- 4) Drain and rinse and wipe spa shell. It is ok to drain the water & Ahh-Some Cleaner with all the released bio-contaminants on the ground or grass. Will not harm it.
- 5) Clean filters (with filter cleaner) or replace filters. If definitely Calcium Stearate issue you MUST REPLACE THE FILTER(S).
- 6) Refill spa with fresh water. Ok to balance pH if it is way off.
- 7) Ensure water level is raised higher than normal to get water into all air lines.
- 8) Dose with a concentrated Hydrogen Peroxide solution:
 - 27% pool grade (e.g., Aqua Silk Chlorine-Free Shock Oxidizer): add 1 cup (8 oz) per 100 gallons (approximately 1 quart for most spas) Available at select hot tub retailers or Amazon. You can also buy "food grade" 30-36% Hydrogen Peroxide on-line. Still use 8 oz. per 100 gallons.
 - Note: if you use a lower concentration of peroxide, increase the amount used proportionately
- 9) Open all air valves, center diverters and cycle all jet pumps a few times daily to work solution through all water and air lines. Let it set and go and run jets every 3 hours.
- 10) Allow peroxide 48 to 72 hours to clean the spa water.
- 11) If water is still not clear after 48 to 72 hours, repeat peroxide dose in Step 8 above.

12) Once spa is clear, you do not need to drain the water, but most people like to do this.

13) Resume normal spa chemical treatment. Be sure to always use an EPA Registered sanitizer program. Chlorine and bromine are the two most popular programs to use. They work and if you maintain minimum levels at all times your water will be much easier to maintain going forward.