
BACTERIAL ENZYME FORMULA

BIO-SPA was developed as a safe, effective means of establishing a clean and healthy hot tub without the use of harmful chemicals. When successfully established, the water in a spa/hot tub will remain clear, odorless, and foam free for months with very little maintenance.

SPA TREATMENT INSTRUCTIONS:

1. **Preparation:** It is extremely important that all chlorine and chlorine residues be successfully eliminated from the hot tub prior to administering BIO-SPA. To do this, first empty all of the water from the hot tub and clean the tub lining thoroughly. Also, replace the filter with either a new filter or one that has been cleaned.
2. **Filling the hot tub:** Install or use an in-line chlorine filter when filling the hot tub/spa. This will not be necessary if well water is being used. Fill to the normal level.
3. **Adding BIO-SPA:** After the hot tub/spa has been filled, heat the water to 104 degrees. Open the "activator" tube and add water to within 1 inch of the top, replace the lid, and shake vigorously until the "activator" powder is fully dissolved. Remove the lid and add the entire contents of the "activator" to the hot tub/spa water. Turn on full jets with maximum aeration. Then add the full contents of the BIO-SPA container to the circulating water and replace the spa cover.
4. **Final Activation of BIO-SPA:** Allow the hot tub/spa water to circulate at maximum aeration and full jets for one hour with the spa cover in place. Then run just the jets for 24 to 48 hours. When BIO-SPA begins to activate there will be a noticeable odor. At this time, the pH of the water should be as high as 8.0 or more. Once established, the odor will disappear and the pH will drop to 7.0 to 7.5 where it will stay for several weeks to months depending on the amount of usage. If the pH ever drops below this level, it indicates it is time to add more of the "activator."
5. **Relax in the BIO-SPA Hot Tub/Spa:** Not only will you experience the enjoyment of relaxing in a hot tub without chemicals but you will be able to experience the benefits of the enzymatic activity of BIO-SPA on your skin. The enzymes in BIO-SPA will assist in the removal of dead, dry, and damaged skin making it soft and more youthful.
6. **Maintenance:** When adding water to the hot tub make sure full jets are running and the chlorine filter is used. Every few weeks it might be necessary to wipe down the lining of the hot tub as it might tend to become too slippery. It is also recommended that the filter be removed and cleaned once a month.

NOTE: Do not use ultra-violet (ozone) generating units or other electronic anti-bacterial devices.

Formulated by Dr. Norman Easley