

# **Eco Liquid Oxygen Inc.**

## **Hot Tub and Jetted Tub Usage**

### **Getting Started**

Change the Filter. We recommend that you shock your hot tub using hydrogen peroxide ( $H_2O_2$ ) at a ratio of 1 cup  $H_2O_2$  to every 250 gallons of water. The average hot tub holds about 500 gallons of water, so you would add 2 cups (500 mL) of full strength 35% certified food grade  $H_2O_2$ .

If possible start with fresh water in the hot tub. However, if this is not possible or convenient,  $H_2O_2$  will not adversely interact with other pool chemicals that have been used. You simply add the  $H_2O_2$  to the water, and no special injection system is necessary.

### **Maintenance**

This depends quite a bit on the water source and the amount of organic materials that enter the water (dust, leaves, number of people using the tub, etc). A good starting point is 250 mL of Eco  $H_2O_2$  for every 500 gallons of water weekly. Use a test strip.

$H_2O_2$  interacts with and oxidizes organic materials and decomposes with UV light. This is the reason that  $H_2O_2$  must be added weekly to maintain its level in the water. There is no danger of  $H_2O_2$  levels increasing, or of it forming dangerous residual chemicals.

### **Test Strips**

Ideally, you would keep the concentration level measuring between the low 50 and 100 plus. Test strips can be purchased from Eco Liquid Oxygen Inc. This level is very easy to maintain. Remember that  $H_2O_2$  is simply water and oxygen. There are no chemicals needed to adjust levels. You can use your tub immediately after adding  $H_2O_2$ . There is no wait time like with other chemicals used for hot tub maintenance. Enjoy your detoxifying hot tub bath with no odor or chemicals.

### **Filters**

Check your filters often. Have several clean filters on hand. As with any pool or hot tub with a filtration system, you should check your filter regularly as clogged or dirty filters can damage pumping systems. You will notice your filters getting dirty very rapidly until  $H_2O_2$  has done its job of cleaning your lines. The first filter change should be done three days after starting with  $H_2O_2$ . You can clean your spare filters by putting 500 mL  $H_2O_2$  into a 5 gallon bucket of water and soak it for at least two hours. Then, rinse it with lots of running water and allow it to dry before your next filter change.

### **Storage and Caution**

$H_2O_2$  should always be stored in a cool dark location. UV light causes  $H_2O_2$  to decompose. Always wear rubber or vinyl gloves and protective eyewear when adding  $H_2O_2$  to water as it can splash or spill. Plants love  $H_2O_2$ , but not chlorine, so splashing diluted  $H_2O_2$  on your living plants is just fine.

The next important thing is TELL YOUR FRIENDS.