

# Ecolox Tech

## Supplemental Manual

For Generating Hypochlorous Acid (HOCl)



1. Lid
2. Power On/Off
3. Settings 3
4. Settings 2
5. Settings 1
6. Power Slot
7. One gram measuring spoon
8. Power supply



## How to Generate HOCl

The purpose of this supplemental manual is to explain how to generate higher concentrations of HOCl using less salt and to present several options for optimizing the pH to between pH 5 and pH 7.

1. Add 1 Liter of reverse osmosis water (RO water should have pH <6)  
If RO water is unavailable, use purified water or tap water and lower the pH by choosing one of the following methods:
  - a) Add 1 teaspoon of 5% distilled vinegar - or -
  - b) Add 1 drop of muriatic acid (32% HCl) \*
2. Add 1 gram of salt . May also use as little as 1/2 gram.\*\*
3. Place lid and plug-in the power supply \*\*\*
4. Run Setting 3 once (8 minutes) to generate ~100 ppm  
Run Setting 3 twice (16 minutes) to generate ~200 ppm  
Each additional run on setting 3 will increase the concentration by 60-80 ppm for a maximum of 5 total runs.

\* Personal protective gear is required when using muriatic acid. †

This is the same muriatic acid that is used to lower the pH of pools.

\*\* Salt must be food grade salt (NaCl) without iodine (ie. kosher salt). When using less than 1 gram of salt, it may be required to run 1 extra cycle of 8 minutes.

\*\*\* Power supply must be dry



