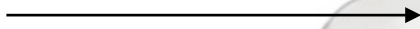




Eco one by EcoloxTech

Lid



Power On/Off

Setting 3

Setting 2

Setting 1

Electrolyzer



Power connection



Power supply



One gram measuring spoon

Generating Electrolyzed Water Disinfectant

1. Add tap water up to the 1 Liter mark
2. Add 2 grams of food grade salt (NaCl) *
3. Add 1 tsp. of distilled white vinegar (5%)
(optional but recommended to optimize pH**)
4. Place lid and plug-in the power supply ***



Generates hypochlorous acid (HOCl) with an ORP between +800 and +1000 (Setting 3).

Press to Power On the Eco One



Press once for Setting 1
Press twice for Setting 2
Press three times for Setting 3

Setting 3 – Strong Disinfectant in 8 minutes

Filled to 1 Liter mark – generates 100 ppm
Filled to 0.5 Liter mark – generates 200 ppm

Setting 2 – Moderate Disinfectant in 5 minutes

Filled to 1 Liter mark – generates 60 ppm
(for sanitizing fruits and vegetables)

Setting 1 – Mild Disinfectant in 3 minutes

Filled to 1 Liter mark – generates 40 ppm

*Use only food grade salt (NaCl). Salt must be without any other additives such as iodine or anticaking agents.

**Adding vinegar will lower the pH to 5 allowing for disinfectant generated to be 99% hypochlorous acid

***Power supply must be dry

Generating Electrolyzed Water Degreaser

1. Add tap water up to the 1 liter mark
2. Add 2 grams of potassium carbonate *
3. Place lid and plug-in the power supply **
4. Power On to Setting 3 to generate cleaner in 8 minutes



Generates potassium hydroxide (KOH) with an ORP between -100 and -300.

- * Use only the potassium carbonate additive.
** Power supply must be dry

Testing Disinfectant

The active molecule in the disinfectant is hypochlorous acid (HOCl) which is a free chlorine molecule. The concentration of free chlorine can be measured with chlorine test paper. Chlorine test paper provides a simple, reliable, and economical means to measure the concentration of free available chlorine in sanitizing solutions. With color matches at 10, 50, 100 and 200 ppm, the test paper measures concentrations between 10 and 200 ppm. In the food industry, federal, state and local health regulations require users of chlorine-based sanitizer solutions to have appropriate test kits available to verify the strength of sanitizer solutions.

Precautions

1. Keep out of reach of children
2. Store additives in a clean and dry location
3. Only use normal tap water or purified water.
4. If the unit becomes damaged or leaks, immediately disconnect from the power supply at the wall
5. Do not immerse the Eco One into water
6. To clean unit, rinse only with tap water
7. The unit can cause electric shock if not used properly
8. Empty the Eco One after use and rinse with tap water

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