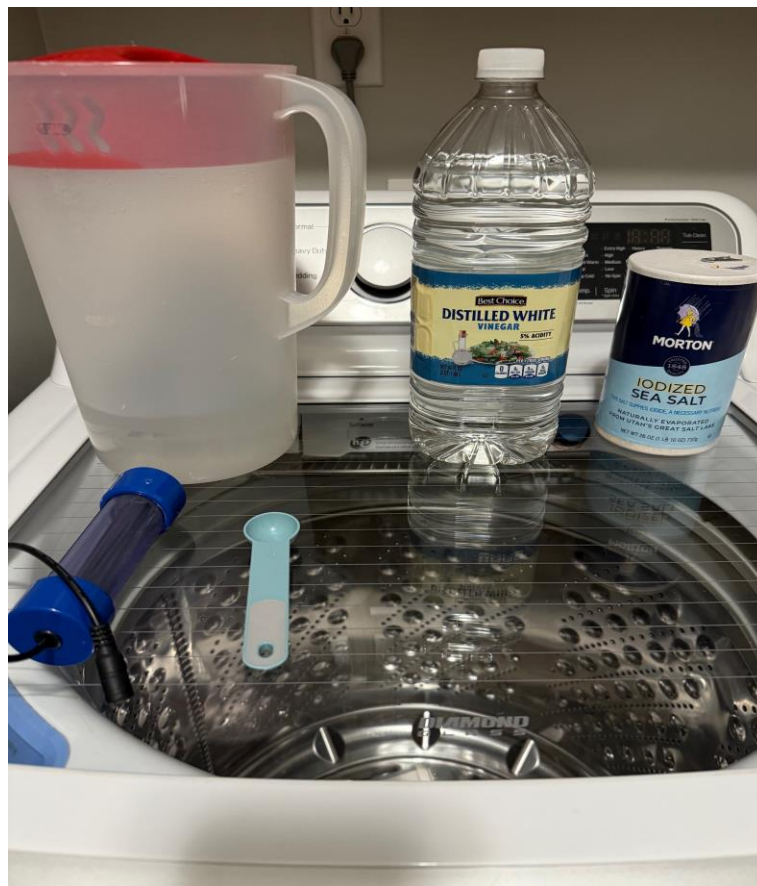


Breeder Hacks – Parvo, Coccidia, Worms, and Giardia Oh My – COST EFFECTIVE AND SAFE!

1. We make our own cleaning solution via salt water vinegar electrolysis to naturally disinfect our dog and puppy areas and have had great success with hypochlorous acid. It's very easy to make. Its effectiveness lasts for two weeks, so be sure to use your gallon within that timeframe for full effectiveness.
 - a. You will need a 1 gallon pitcher for the regular NatureChlor. We use a plastic one with a pourer for easily placing some of it into a spray bottle.
 - b. 1 gallon of water
 - c. White distilled vinegar – 2 Teaspoons in water
 - d. Iodized Sea Salt – 2 Teaspoons in water
 - e. Plug it in and let it cook for 35 minutes. The smell is not unbearable. It smells like mild pool water. If you are sensitive to smells, a well-ventilated area or kitchen overhead fan may be preferred.
 - f. 1 Control-O-Matic NatureChlor (purchasable on this website <https://controlomatic.ecwid.com/Electrolyzed-Water-c49123203> (Note others are available and each come with their own instructions of how much salt and vinegar to add depending on the brand.



2. Once made, you can place in spray bottles and after cleaning stool, spray and wipe the area. You may even spray outdoors after removing infectious stool.
3. You can mop and disinfect entire whelping areas with it, or puppy play areas. It is completely safe. Refer to the document **Breeder Hacks – The Best Mopping solution for Disinfecting**. We put this in our power mop.
4. It can also be sprayed on dog bedding.



Production Reference Table for 200 PPM

	Salt	Vinegar	Run Time
NatureChlorMini (1 qt / 0.9 L)	½ tsp	½ tsp	30 min
NatureChlor (1 qt / 0.9 L)	¼ tsp	½ tsp	15 min
* NatureChlor (1 gal / 3.8 L)	2 tsp	2 tsp	45 min
NatureChlorMax (1 gal / 3.8 L)	1 tsp	2 tsp	15 min
NatureChlorMax (5 gal / 18.9 L)	2 Tbsp	3 Tbsp	45 min

Notes:

1. Run time and results may vary. **Always** test your end solution to ensure desired pH and HOCl PPM levels.
2. The **salt** levels listed in this table are intentionally on the **low** side, to account for a wide variety of possible water sources and to minimize salt residue, so some users may need to add **more** than listed to obtain the same HOCl PPM levels.
3. If you need to add more **salt**, add it slowly and make sure it fully dissolves before adding more. Also make sure that the **power supply** does not get very warm, since that indicates that the power supply is being overworked.
4. For **NatureChlorMini**, USB blocks may vary, so this chart is designed for a standard **5V 1A** block. If the block is rated higher (>1A), feel free to add more salt per the previous note, for faster HOCl production.
5. Adjust the water **temperature** to be around 70 degrees Fahrenheit (21 degrees Celsius) for best results.
6. Increase the **run time** to increase HOCl PPM levels, i.e. doubling the run time approximately doubles the final PPM.
7. When adding **time**, verify that the pH is below 6, since the pH rises as part of the HOCl production process, and the final solution needs to have a pH of 7 or less.