

DATA SHEET



You can now make your own powerful disinfectant and sanitizer with just salt, water and vinegar using the Hypo 7.5

Generates HYPOCHLOROUS ACID (HOCl) at either 200PPM or 500PPM. In 20 minutes, the Hypo makes 7.5 liters of 500 ppm strength hypochlorous acid, which can replace all of the different bleach, ethanol alcohol and quaternary compounds that you are buying now. Key features include:

- 7.5 liters of 500 ppm in 20 minutes (hospital grade) or 200 ppm in 8 minutes
- 5-year warranty (5 years or 2,000 hours of use)
- 20 liters per hour at 30% of the competitor's price
- Optional solar power system makes unit completely autonomous
- Simple to use and maintenance-free
- Made in USA

OPTIONS:

- HypoFog - ULV cold fogger with 4 Liter tank and 20-50 micron fogger. Operates from 230vac electricity
- HypoPower- 500-250 power pack to operate HypoAfrica without grid access for 1 hour. 500w inverter and 250wh lithium battery with 100w solar panel
- HypoPower - 1500-1300 power pack to power HypoAfrica and fogger without grid access for 1 hour. 1,500w inverter and 500wh lithium battery with 250w solar panel
- ULV Cold Fogger as additional option



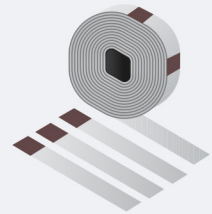
Spray Bottle



Power Adapter



Measuring Spoon

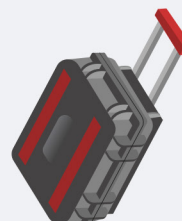


Testing Strips

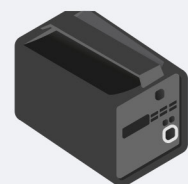
Optional:



ULV Cold Fogger (Optional)



HypoPower 1500-1300 Power Pack (Optional)



Lithium Battery with 100w solar panel (Optional)

Technical Data

Generates HYPOCHLORUS ACID (HOCl):

ADDITIONAL INFORMATION:

- 1) Part Number: Hypo 7.5 /
- 2) Output voltage: 12 volts DC
- 3) Maximum current draw: 8 amps
- 4) AC input (with included power adaptor): 100vac - 270vac/50hz-60hz
- 5) Approximate power draw: 120 watts
- 6) Product dimensions: 22 cm (8.5 inches) W x 22 cm (8.5 inches) L x 41 cm (16 inches) H
- 7) Packed dimensions: 30.5cm (12 inches) W x 30.5 cm (12 inches) L x 43 cm (17 inches) H / packed weight 6.6 kgs (14.5 lbs)
- 8) Warranty: Hypo 7.5 unit = 5 years or 2,000 hours of use.

Manufactured in the USA for HypoAfrica, Saint David, Arizona, USA



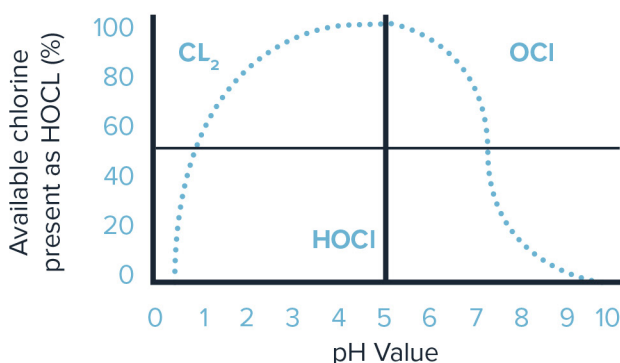
Instructions for using the Hypo:

- 1) Fill container to inner rim with clean water (approximately 7.5 Liters)
- 2) Add 2 tablespoons of non-iodized salt, using the spoon provided and stir to dissolve
- 3) Using the chart below, add 5% acidity white vinegar, using the spoon provided.
- 4) Select the correct time and push start

Desired Solution	Salt	Vinegar	Time
200 ppm (mg/litre)	2 spoons	2 spoons	8 minutes
500 ppm (mg/litre)	2 spoons	4 spoons	20 minutes

Please use only acetic acid of 5% strength/acidity or white vinegar of 5% strength/acidity. The purpose of the acid or vinegar is to lower the pH (increase the acidity) of the solution. Hypochlorous

acid is most effective when it is near 5.0pH. Above 8.0 pH, the solution becomes hypochlorite (bleach) and is no longer hypochlorous acid.



- 5.5 pH = 99% free available chlorine hypochlorous acid
- 6.0 pH = 90% free available chlorine hypochlorous acid
- 7.0 pH = 80% free available chlorine hypochlorous acid
- 8.0 pH = 20% free available chlorine hypochlorous acid

What is Hypochlorous Acid?

Introducing a stronger, safer replacement for bleach. Serving as nature's ancient disinfectant, Hypochlorous Acid (HOCl or HClO) is the most effective chlorine disinfectant.

It is completely natural, non-hazardous and safe to humans. Hypochlorous Acid (HOCl) is a biocide that is naturally produced by the white blood cells in our bodies and plays a vital role in the immune system, killing pathogens through oxidation and chlorination. Utilising the power of nature, Hypochlorous Acid can be synthesised through electrolysis.

Hypochlorous Acid (HOCl) has been extensively researched, over the last 30 years, as a powerful environmental cleaning solution. 99.99% of most harmful bacteria, including Covid-19 and Norovirus, are killed within 30 seconds of contact with HOCl of 200ppm or greater under laboratory conditions. Research suggests that Hypochlorous Acid (HOCl) may be 70-80 times more effective than sodium hypochlorite (chlorine bleach).



HOCl is is completely safe and non-toxic to humans. You can spray it on surfaces or pour directly. It can be used for hand washing and dressing wounds. and purifying drinking water. To do so, use 2.5 ppm HOCl with a 30min dwell time, for example 1 Liter of 500ppm can purify 200 Liters of water.



You may also safely use HOCl to clean food, it can be sprayed directly without the need to be rinsed off. HOCl may be diluted to reach a desired PPM. For example, 1 Liter of 500ppm HOCl added to 1 Liter of water will yield 2 Liters of 250 ppm (although the pH may increase.)

Technical Information:

IUPAC Name :

Hypochlorous acid, chloric(I) acid, chloranol, hydroxidochlorine

Other Names : Hydrogen hypochlorite, chlorine hydroxide, electrolyzed water, electrolyzed, oxidizing water, electro-activated water

CAS Number : 7790-92-3

Molar Mass : 52.46 g/mol

Molecular Formula : HOCl

Appearance : Colorless aqueous solution

Solubility in water : Soluble

Acidity : 7.53

Yoda Health & Environmental Solutions LTD. is registered in the Republic of Ghana under number CO060905654 and the Federal Republic of Nigeria under number 1801857.

BEAVER HOUSE - HEAD OFFICE
AGOSTINHO NETO RD
AIRPORT RESIDENTIAL AREA
PO BOX OS 2778
ACCRA GHANA

ENQUIRIES@YODAHES.COM

@yodahe



📞 **General/Sales:** GH: +233 59691 4339
NG: +234 81031 74193

📞 **Support:** GH: +233 24102 9940
NG: +234 81031 74193

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YODAHES.COM