



Introduces the:

# BleachMaker®



The BleachMaker® by WaterStep was a response to the need for a strong disinfectant during the 2014 Ebola outbreak in West Africa. WaterStep collaborated with University of Louisville, Louisville Water Company, and GE Appliances' FirstBuild to create an effective, one-of-a-kind tool to produce bleach on-site.

Chlorine bleach is the World Health Organization's (WHO) recommended disinfectant to stop the spread of infectious disease, and it's the most commonly used disinfectant/sanitizer in the world. The BleachMaker® produces a bleach concentration that meets the WHO standard for disinfection in a medical setting.

Bleach can be used to sanitize hospitals and medical clinics that handle bodily fluids, to disinfect cooking areas, cooking equipment and clothing, and can be dosed into small amounts of water to make it safe to drink.



WaterStep's International partner, Sulaiman Gumi, Executive Director of Victims of Violence, has implemented the Bleach-Maker® in refugee camps in Nigeria where 23,000 people are fleeing Boko Haram insurgency. Prior to the BleachMaker®, these camps were seeing 5-10 deaths a day. Since implementing the BleachMaker® as part of his mobile medical clinic, Sulaiman reports that the camps are free from disease outbreak and no deaths resulting from waterborne illness.

The BleachMaker® also provides opportunity for employment. Adults can manufacture bleach, thus providing a sustainable income for their families, while also eliminating the accumulation of plastic waste due to imported gallons of bleach, which is often expensive.

**The Bleach Maker has been recognized by Environment Protection, a comprehensive online information resource for environmental professionals, as New Product of the Year in 2016.**



## Important Information

- Uses water, salt and 12vDC power source.
- Produces over one gallon (5L) of bleach in about an hour.
- Ideal for sanitation in hospitals, clinics, restaurants, schools, etc.
- Effective in combating cholera and other waterborne pathogens.
- On-site production = low transportation cost and production as needed.



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**Waterstep.org**