

# The MadiDrop+ - A Better Solution for Safe Water

## 7,000 Liters of Ongoing Purification and Protection

As an amazingly simple and effective way to control biological contamination in drinking water at the household level, the all-natural MadiDrop+ prevents water-borne illness and disease -- without changing the taste and smell of the water.



### A Reliable Approach for Unreliable Water Sources

The MadiDrop+ is an engineered ceramic tablet embedded with silver. Once in water, it consistently releases precise amounts of silver ions, which are well known for their antimicrobial properties. Used in a vast array of products, silver ions are highly effective at eliminating waterborne pathogens such as *E. coli*.

**REPEAT EACH EVENING**

- 1 FILL**

10-20 LITERS DAILY
- 2 WAIT**

8 HRS for clear water

24 HRS for dirty water
- 3 DRINK**

Works continuously for 12 months



#### Highly Effective

Helps prevent outbreaks of water-related diseases; kills up to 99.99% of pathogens



#### Low Cost

Provides a family with over 12 months of safe water at an affordable cost



#### User Preferred

Adds no taste or smell; no sustained user change required; preferred over chlorine



#### Unlimited Shelf Life

Easy to store and stack until needed



#### Small and Portable

Easy to transport in difficult conditions, terrains, and environments



#### No Chemicals

Non-toxic; does no harm to people or the planet

\*The MadiDrop+ does not remove turbidity or dissolved, chemical pollutants from water such as arsenic, fluoride, nitrates, or petroleum products and is not recommended for this application.



## Field Tested

Since the recent introduction to global communities, MadiDrops have already provided over 30 million liters of safe water to families in rural, peri-urban, and urban environments. From water sources ranging from rivers to shallow wells to substandard municipal systems, the MadiDrop has provided freedom through the power of safe drinking water - freedom from waterborne illness and disease, daily chemical interventions, and laborious fuel required disinfection techniques.

From Guatemala to Haiti to Uganda to India to Micronesia, people are using the MadiDrop as a stand-alone disinfection method and safe storage insurance in households and classrooms. The overwhelming feedback is people like it - and most importantly - their health has improved.

## Laboratory Proven

Lab and field tests have been conducted over the past six years by the University of Virginia's School of Engineering and Applied Science and School of Medicine. Research to develop the MadiDrop was supported by the National Science Foundation, the National Institute of Health, the Bill and Melinda Gates Foundation, and the University of Venda in South Africa.



| Organism                         | Organism Initial Concentration | Contact Time | Reduction |
|----------------------------------|--------------------------------|--------------|-----------|
| <i>E. coli</i>                   | 10 <sup>7</sup> cfu/100 mL     | 8 hr         | 99.99%    |
| Coliform bacteria                | 10 <sup>4</sup> cfu/100 mL     | 8 hr         | 99.99%    |
| <i>Cryptosporidium parvum</i>    | 10 <sup>6</sup> oocysts/100 mL | 24 hr        | 90%       |
| <i>Giardia lamblia</i>           | 10 <sup>6</sup> oocysts/100 mL | 24 hr        | 90%       |
| <i>Adenovirus</i>                | 10 <sup>8</sup> pfu/100 mL     | 8 hr         | 90%       |
| <i>Aedes aegypt</i>              | 20 larvae/10 L                 | 24 hr        | 100%      |
| <i>Anopheles quadrimaculatus</i> | 20 larvae/10 L                 | 24 hr        | 100%      |

## Global Feedback

"The MadiDrop is easier to use than any other disinfection product." - Anne Chipeta, Zambia

"The MadiDrops are amazing... a miracle for many." - Jane Leonhardt, USA

"MadiDrop is a very good product, and we now drink water with a free mind. It's the best product because I don't have to buy it very often and I don't need to boil." - Faneli Mwanza, Zambia

"Thank you. It's amazing how the MadiDrop is doing wonders so far." - Joel Mukanga, Uganda

"MadiDrops are impacting and improving thousands of lives around the world." - Brent Buttermore, Oak Pointe Church

"I used to suffer from sicknesses like flus or colds, always took tablets, and had a weak body. But since I got the MadiDrop three months ago, I feel fit and I am no longer sick. I don't have to take tablets anymore." - Dodo Charles, Uganda

"I am very impressed with the MadiDrop. It's the most important product for India and the world. With the MadiDrop, I no longer get sick." - Chandan Jain, India

"Thank you for saving my gut. Since I got my MadiDrop I've not gotten sick." - Dr. Koh Ming Wei, Marshall Islands

## 3rd Party Verified



**Contact** For further information or inquiries about the MadiDrop+, please visit our website: [www.madidrop.com](http://www.madidrop.com) or email [info@silivhere.com](mailto:info@silivhere.com)



MadiDrop+ of Silivhere Technologies, Inc. provides safe drinking water technologies to communities around the world. Working with humanitarian, relief, commercial, and mission-based organizations in over 40 countries, we provide the MadiDrop+ tablets, a simple approach to address the critical number of waterborne diseases that result from drinking contaminated water.