

## Introduction

### EquaPure D10

EquaPure D10, water purification system kills all known bacteria and viruses while flocculating (separating sediment, mud and sand) at the same time.

### QUICK FACTS

- 50% of all hospital beds worldwide are filled with people suffering from a waterborne disease.
- More than 1 in 8 people in Africa do not have access to safe drinking water
- 1 out of every 5 deaths under the age of 5 is due to a waterborne disease.

### THE EQUAPURE SOLUTION

EquaPure D10 is essentially a water treatment plant in a bottle the product contains no Chlorine and can be used on any water source from a River, lake, Borehole puddle or other.

## Ease of use

5 DROPS OF EQUAPURE CLEANS 1 LT OF WATER

An individual only needs to find water

Add 5 drops of EquaPure D10 to the collected water shake let stand for 6 hours Pour out the clean water or filter the water through a Biosand filter and dispatch the flocculated sediment safely on to the ground as a safe fertilizer. Easy as That.

### THE SILVER BULLET IN DISASTER RELIEF

Communities hardest hit by disasters are

- Rural Communities
- Coastal communities
- Informal Settlements
- Peri-Urban Areas
- Displaced Communities

# EquaPure D10

Revolutionary Advancement in  
Water Treatment Technology

**Water scarcity is the lack of fresh water resources to meet water demand. It affects every continent and was listed in 2015 by the World Economic Forum as the largest global risk in terms of potential impact over the next decade.**

### Solutions for a looming water crisis

EquaPure D10 could be the solution to solving many water problems the product is extremely versatile as you can use it from the domestic household user level , In the water treatment Industry at municipal level and you can safely treat the water source be it a lake or a dam as well on very large water bodies like big Lakes the product is non toxic and environmentally Friendly.

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## Disease is a major problem in many developing Countries

| Disease       | Transmission   | Clinical Features         |
|---------------|----------------|---------------------------|
| Cholera       | Drinking Water | Diarrhoea                 |
| Typhoid       | Drinking Water | Fever / Abdominal Pains   |
| E.Coli        | Drinking Water | Bloody diarrhoea          |
| Hepatitis A&B | Drinking Water | Flu -Like Viral Infection |

*Water, Sanitation and Hygiene. Contaminated water and a lack of basic sanitation are undermining efforts to end extreme poverty and disease in the world's poorest countries. Currently, there are 2.3 billion people worldwide, who still do not have basic sanitation facilities such as toilets or latrines.*

### ➤ Rural Water Sources in Africa



Is this water safe for human consumption? In many cases **NO**.

*Water issues in developing countries include scarcity of drinking-water, floods, the siltation of river systems, as well as the contamination of rivers and large dams. ... Barriers to addressing water problems in developing nations include poverty, education, and poor governance*

## TECHNOLOGY SOLUTIONS

| STEP 1              | STEP 2                           | STEP 3                         | STEP 4  |
|---------------------|----------------------------------|--------------------------------|---|
| Collect Water From: | Add <b>BioPure Concentrate</b>   | Stir, Mix, Shake For 5 Minutes | Let Stand For 10 Minutes  |
| Dams                | * 2 Drops in a glass             | <p>Before After</p>            | <b>STEP 5</b><br>Separate Sediment/Mud /Sand<br><br><b>SAFE WATER TO DRINK!</b> |
| Wells               | * 10ml for 20 Litres             |                                |   |
| Rivers              | * 1litre for 2 000 litre tank    |                                |   |
| Boreholes           |                                  |                                |   |
| Storage Tanks       | * 2.5litres for 5 000 litre tank |                                |   |
| Reservoirs          |                                  |                                |   |
| Steel Tankers       | * 5 litres for 10 000 litre tank |                                |   |

## How do we compare to conventional products

| Equapure D10 | Description                               | Chroline Products |
|--------------|---|-------------------|
| 2-3 Years    | <b>Shelf Life</b>                         | 3-6 Months        |
| Not          | <b>Corrosive</b>                          | Yes               |
| Yes          | <b>Environmentally Friendly</b>           | Not               |
| Not          | <b>Light Sensitive</b>                    | Yes               |
| Not          | <b>Heat Sensitive</b>                     | Yes               |
| None         | <b>Contains Chlorine</b>                  | Yes               |
| No Smell     | <b>Smell</b>                              | Chlorine Smell    |
| No Taste     | <b>Taste</b>                              | Chlorine Taste    |
| 5-10 Minutes | <b>Results</b>                            | 10-60 Minutes     |
| Yes          | <b>Contains Flocculants</b>               | None              |
| Yes          | <b>Can Be Used in Steel Water Tankers</b> | Not               |

### EquaPure D10

EquaPure D10 Forms part of the Biopure Range of products other Products include Waste treat and Sludge treat Biopure is set to play its part in the worlds Water and sanitation for future generations.