



# Beachhead

International

**Pure Chlorine Dioxide (ClO<sub>2</sub>)**

*Water, Sanitation & Hygiene Solutions*

**for global crises environments**



Comprehensive Microbial Problem Solving. *Anywhere. Anything. No Excuses.*

Beachhead takes the mystery, complexity and high costs out of wide-spectrum decontamination.

Chlorine Dioxide (ClO<sub>2</sub>) is the planets most effective wide-spectrum anti-microbial and its most eco-friendly. Breakthrough technology now allows for its practical usage in crises & emergency environments.

The not-for-profit Beachhead Store, provides customized chlorine dioxide (ClO<sub>2</sub>) WaSH solutions to international aid organizations, local governments, police, medical facilities, faith, education & civic groups, at Factory Direct Pricing. Beachhead ClO<sub>2</sub> will outperform & beat the cost of ANY chlorine/bleach product.

**GLOBAL DELIVERY: 24/7/365 ONLINE purchase, product & application support in 30 languages.**  
[www.beachheadstore.org](http://www.beachheadstore.org)

Call +1-888-983-7015 to speak to a representative.

**Beachhead Kills Wide-Spectrum Germs, Before They Harm Vulnerable People**



**Each Beachhead Aid Barrel**

**Produces:**

**1,200,000 gallons of ClO<sub>2</sub> sanitized water**

-----OR-----

**66,000 gallons of ClO<sub>2</sub> sanitization**

-----OR-----

**6,600 gallons of ClO<sub>2</sub> disinfection**

**Effective & Versatile:**

ClO<sub>2</sub> (chlorine dioxide) is a recognized disinfectant, sanitizer, tuberculocide, virucide, algacide, fungicide, slimicide & deodorizer; food additive & preserver.

**Compare:**

ClO<sub>2</sub> Chlorine Dioxide vs (Cl) Bleach



1.2 G  
Sodium  
Hypochlorite  
Bleach

1  
Beachhead  
Red Tablet  
(ClO<sub>2</sub>)

10 oz  
Calcium  
Hypochlorite  
(Cl)



**Max. IATA Shipping:**  
(25kg) 55 lbs of ClO<sub>2</sub>  
per 55 gallon barrel.  
Each barrel of chlorine  
dioxide will generate  
6,025 gallons hospital  
grade disinfection

**Max. IATA Shipping:**  
(25kg) 55 lbs of Cl  
per 55 gallon barrel.  
Each barrel of chlorine  
hypochlorite generates  
only 385 gallons  
of equivalent level  
hospital grade disinfection

**Beachhead ClO<sub>2</sub>**



1 pound of ClO<sub>2</sub> generates 120 gallons of (100 ppm ClO<sub>2</sub>) equal and/or greater to 1% or 10,000 ppm Cl  
1 pound ClO<sub>2</sub> @ \$68/lb.  
\$68 / 120 gallons  
= \$0.56 per gallon

**UN System (IRC) chlorine/HTH:**  
1.2 gallons of 5% sodium hypochlorite generates 7 gallons of 1% or 10,000 ppm 1 pound Cl @ \$5.75 /lb.  
\$5.75 / 7 gallons  
= \$0.82 gallon

**Local Bleach purchased in PAP, HAITI:**

1 gallon of Bleach: US \$8-\$10 and weighs 8 lbs.  
1.2 gallons of 5% sodium hypochlorite generates 5 gallons of comparable disinfection 1% or 10,000 ppm  
\$10/5 = \$2 per gallon



Based on 2014 UN NGO System chlorine (Cl), local PAP Haiti and Beachhead pricing.

**Green Material Technologies**



Biodegradable	Neutral pH
Non-Corrosive	No VOCs
Non-Masking	No Enzymes
No Fragrances	Non-Staining

**Safely Solves Every Crises Environment Contamination Challenge**

**Innovative Generation & Usage:**

Simply add pre-measured, color coded Beachhead ClO<sub>2</sub> Tablets to water & container, dispersion tool or tank systems to generate desired concentration.

**Apply as a Gas Vapor or Liquid To:**  
atmosphere, porous & non-porous surfaces

**MADE IN U.S.A**

## Versatility

ClO<sub>2</sub> makes it possible to decontaminate not just medical equipment & hospital surfaces, but also its patients, not just water but its tanks & lines, not just kitchen surfaces but also its food, not just bathrooms & bedrooms but also its people & clothing...

WITH ONE ClO<sub>2</sub> Tablet or Sachet!

## More EFFECTIVE than Chlorine & Bleach



**ClO<sub>2</sub> is not Chlorine or Bleach**

Chlorine/Bleach is ineffective on cryptosporidiosis & giardia lamblia

- Bleach is corrosive in all forms, its hard on metals, plastics and users
- Bleach is toxic in all forms because it can produce trihalomethanes (carcinogens), endocrine disruptors & neurotoxins
- Bleach is very pH dependent and loses effectiveness as pH rises
- Bleach must be thoroughly rinsed from any surface. It can't be fogged
- Bleach taints and changes the taste of foodstuffs

Instead of Using Cl or Bleach, decontaminate with ClO<sub>2</sub>

ClO<sub>2</sub> is highly effective on cryptosporidiosis & giardia lamblia  
ClO<sub>2</sub> is more effective at significantly lower concentrations  
ClO<sub>2</sub> is gentle on materials, users and the environment  
ClO<sub>2</sub> offers SUPERIOR performance ranges & capabilities  
ClO<sub>2</sub> is effective in a wide pH range  
ClO<sub>2</sub> leaves no residuals, no food taint, perfect for fogging

Simply add pre-measured, color coded Beachhead ClO<sub>2</sub> Tablets & Sachets to water & container, dispenser tool or tank systems to generate precise concentration levels

Apply ClO<sub>2</sub> to problem with:  
Beachhead ClO<sub>2</sub> Tablets & Sachets

### 1) Liquid Surface & Atmosphere Treatment

Use LIQUID ClO<sub>2</sub> with any SPRAYER, FOGGER, MOP, SPONGE or Wet Vacuum.

### 2) Gas Vapor Treatment

Penetrate barriers spraying & fogging can not.  
ClO<sub>2</sub> is unique in that it is a water soluble gas which can be activated to clean & deodorize atmospheres and its visible and non-visible surfaces.

### 3) Tank & Line Treatment

Chlorine & chemical resistant slimes and odors reside above water lines and within the systems piping. In a closed system, the head space above the bulk solution will reach a gas-phase chlorine dioxide concentration in equilibrium with the bulk solution and forms a condensate on the walls & lines. Only ClO<sub>2</sub> has this capability.

[www.beachheadstore.org](http://www.beachheadstore.org)

**SOLUTIONS FOR A TOUGH PLANET**

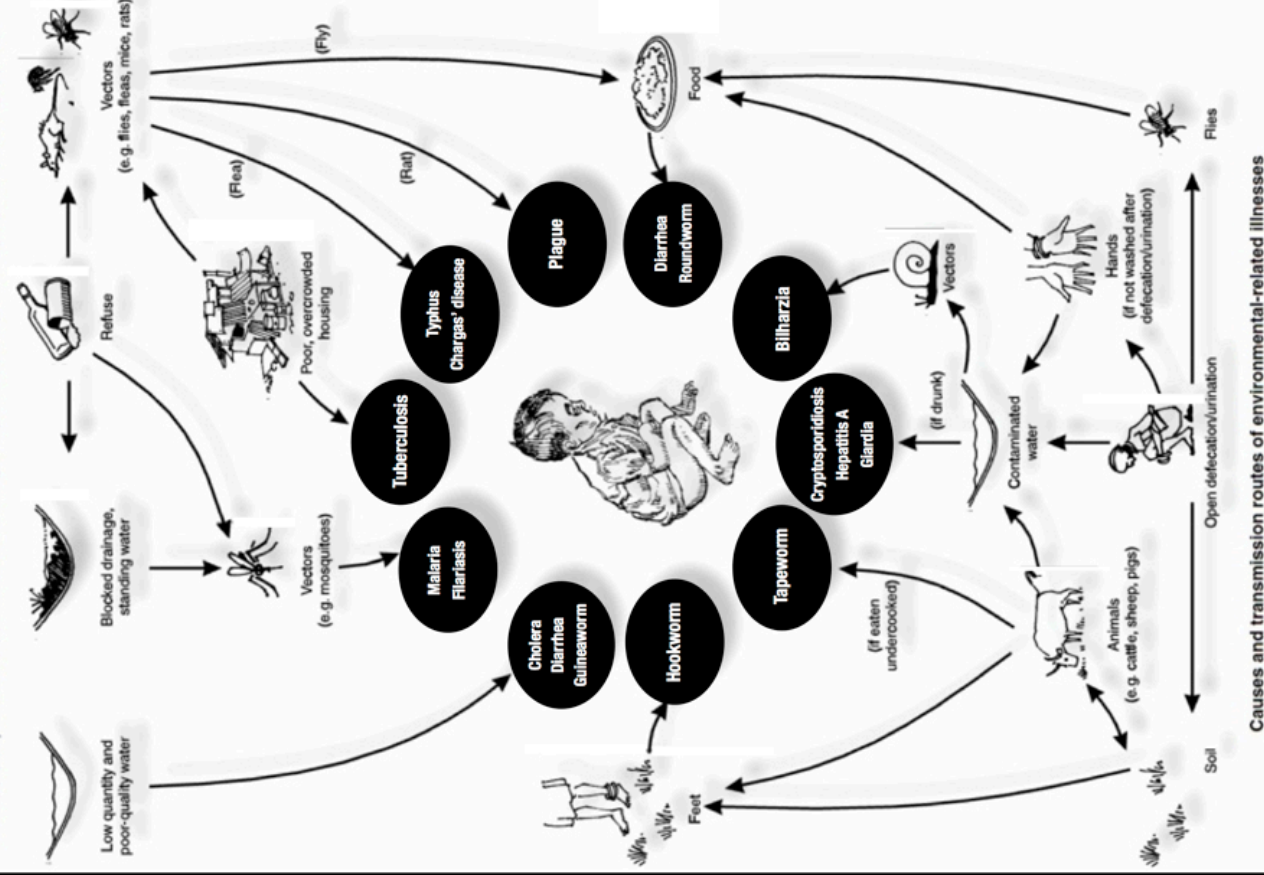


**SAFE SIMPLE EFFECTIVE**

## Beachhead WaSH Solutions

One convenient Beachhead Tablet, SAFELY, SIMPLY, EFFECTIVELY defeats every emergency environment microbial threat.

## WATER, SANITATION AND HYGIENE UNDERSTANDING



## WIDE-SPECTRUM WATER, SANITIZATION & HYGIENE



**Low concentration: (L)**  
dilute standard (M) concentration 10:1

**Personal Hygiene:**  
Hands and Body

**Kitchen, Restaurant, Bar:**

Hard Surfaces, Equipment & Food Prep Surfaces

**Horticulture and Agriculture:**

Eliminates Plant Fungus & Algae. Ideal for Fruit, Vegetable & Poultry Washes, Feed Water and Surface Sanitization.

**Potable Water:** dilute (M) 50:1

**Medium (standard) concentration: (M)**

All Surfaces & Atmosphere Decontamination and Deodorization

**Mold & Mildews, Organic & Chemical Odor Elimination:**  
i.e. Fish, Onions, Garlic, Garbage, Vomit, Urine, Body, Pet

**Home, Apartment, School, Church:**  
Carpets, Furniture, Bedding, Curtains, Clothing, Toys, Baby Cribs

**Bathrooms & Bedrooms:**  
Toilets, Tiled Surfaces, Showers, Closets, Beddings, Clothing

**Professional Uniforms, Sport Equipment:**  
i.e. Police/Military, Wetsuits, Equipment For Re-Use & Storage

**Tanks & Lines: Potable Water and Beverage Systems:**  
Remove Contaminations & Bio-Films From Surfaces & Head-Spaces

**Ventilation & HVAC Systems:**  
Animal Environments:

Confinement Areas, Pet Beds, Cat Boxes, Kennels & Cages

**Horticulture and Agriculture:**  
Process Equipment, Teat Treatments, Wastewater Treatments

**Hard Surface Disinfection, Non-Food Contact:**  
Hospitals, Nursing Homes, Veterinary, Mortuary

**High concentration: (H)**

**For Serious Contamination Challenges.**

Molds & Mildews, Musty Slimes & Odors:  
i.e. Basements, Bilges, Tropical Mold Contaminations, Bio-Hazards & Body Fluid Removal

**Effective & Versatile**



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