

WHOLE ISTIC SOLUTIONS

Whole-istic Solutions Perfect pH is a safe, stable inorganic compound of mineral salts (sodium chlorite) suspended in a colorless and odorless aqueous medium. When **Perfect pH** is ingested and contacts stomach acid, chlorine dioxide (ClO₂), a volatile gas, is released. ClO₂ is widely recognized for a variety of health producing benefits, with no known side-effects.

Health Benefits of Perfect pH (ClO₂)

- Powerful, Broad-Spectrum Biocide**
 Its bactericidal, fungicidal and virucidal properties are effective at very low dose rates, with none of the side effects that accompany many other anti-microbials. Some of the microorganisms killed by ClO₂ include E. coli, salmonella, staphylococcus, streptococcus, poliomyeletis and newcastle disease, to name only a few.
- Friendly Bacteria Growth Enhancement**
 Tests indicate that ClO₂ does not harm the good or aerobic bacteria, but has actually been reported to enhance their growth. As ClO₂ destroys the unfriendly bacteria, more space is created, allowing the good bacteria to proliferate.
- Increased Nutrient Assimilation**
 ClO₂ has been shown to enhance nutrient uptake, allowing more benefit from food.
- Boosts Immune System**
 Research studies in the 1970's, reported that sodium chlorite supports and enhances the immune system. It does this by increasing the efficiency of oxidative enzymes that are present in the macrophages-white blood cells that destroy bad bacteria.
- Increased Oxygen Levels**
 Other tests have shown that blood oxygen rises by about 25% after ingestion of the product, helping people suffering from asthma and allergies.
- Acid Stomach Relief**
 Because it has an alkaline pH (13-14), **Perfect pH** has been shown to be very effective in neutralizing the excess acid predominant in acid indigestion.
- Skin Relief**
 When applied topically, because it supplies the great healing agent oxygen, **Perfect pH** is extremely effective for soothing and enhancing the healing of skin problems. This would include any type of dermatitis: itching, burns, skin irritation (poison Ivy), insect bites, sunburn, rash, athlete's foot, diaper rash, bacterial infections, etc.
- Water Purification**
 For those traveling out of the country, backpackers, or other situations where contaminated water is a possibility, **Perfect pH** is wonderful for water purification as ClO₂ will kill all organisms except giardia (at a legal dose rate).
- Fruit and Veggie Wash**
Perfect pH is a superb wash to control bacteria and other contaminants from fruits and vegetables.



Supplemental Facts

Serving Size: 8 Drops
Total Content: 2 fluid oz.

	Amt. Per 8 Drops	% RDI
Sodium Chlorite	2.5%	*
Total Carbohydrates	0	0
Sugars	0	0
Calories	0	0

*RDI (Reference Daily Intake) not established.

Other Ingredients: Purified Water



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SUGGESTED APPLICATIONS:

Internally

- **10 - 15 drops in 8 oz. of water**

Take one to three times a day not to exceed three weeks, or as directed by your health professional. If needed, discontinue use for a week and then continue with same dosage.

Topically

- **2 teaspoons in 8 oz of water**

Apply as a poultice: soak gauze or other cloth in above solution, using warm water and place on the affected area for 30-60 minutes at a time; repeat several times per day.

Apply as a spray: for large areas, at the above dilution, apply by frequently spraying skin.

Burns: keep **Perfect pH** handy for quick access in case of burns; apply at above dilution.

Drinking Water Purification

- **40 drops per gallon of water**

Note: Merely adding **Perfect pH** to the water does not purify it. It is only once the water and the added ClO_2 is ingested that it is purified as it comes in contact with stomach acid; but water in a container is not pure until it is acidified or consumed.

Note: Backpackers can use a filter to trap the giardia. As stated above, ClO_2 does not kill giardia. This is because the giardia is cystic and ClO_2 cannot get through the cyst to kill it.

Water and Surface Sterilization

- **20 drops with 10 drops of lemon juice (or citric acid/phosphoric acid solution)**
- **Wait one minute, then add gallon of water**

The sterilization properties of ClO_2 must be activated by an acid, thus the lemon juice, citric acid, or phosphoric acid addition is used. Shortly after mixing ClO_2 with the acid, the solution may visibly change color, turning yellow and may give off a smell of chlorine. Now add the water and use to use it to wash counter tops, stoves, cutting boards, etc. It will effectively control all bacteria.

Fruit and Vegetable Wash

- **20 drops with 10 drops of lemon juice (or citric acid/phosphoric acid solution)**
- **Wait one minute, then add gallon of water**
- **Soak fruits and vegetables for 2-3 minutes**

Non-Toxic With No Side Effects

Chlorine dioxide has been extensively studied, in large part owing to the extensive and safe use of the chemical in human drinking water worldwide for about 50 years. Extensive animal studies in many species ranging from monkeys to poultry to rats have been conducted. An extended, three-month chronic effects study on pigeons showed doses as high as 15-ppm sodium chlorite did not have any untoward effects; chickens receiving 1000-ppm chlorine dioxide did not show any blood toxicity. Human studies using 24-ppm chlorine dioxide in daily drinking water did not affect blood chemistry over a 3-week study. The lowest observed no adverse response level (LOAEL) for most animal studies is in the range of 50 to 100-ppm, much higher than the recommended doses of sodium chlorite. To put this in perspective, a 120-pound person would have to ingest 16 oz. of the sodium chlorite solution to reach lethal dose limits. Metabolism studies show that chlorine dioxide and its metabolites are reduced to chloride (salt) and excreted in the urine.

Stability

In the manufacturing process, Perfect pH is buffered in such a way that it remains stable for many years, which offers consistency of results to the user. In addition, because it is a highly concentrated solution of sodium chlorite (50,000 ppm,) only a very low dose rate is required.

Caution

Always dilute Perfect Ph with water before taking the product. Only mix with water for dilution. Avoid contact with eyes. Do not take if pregnant or lactating. Spillage of undiluted product involving contact with the skin calls only for thorough rinsing with cold water.

References:

- Peoples, Anderson S. Preliminary Report on the *Efficacy and Toxicity of Halox E-100*. University of California, Davis, 1977.
- Lahey Clinic. *Evaluation of the Effectiveness of Oxy-Chlor Compound Preparations in Controlling the Growth of Three Bacteria Types*. Boston, MA: Lahey Clinic, 1981.
- Toxigenics, Inc. *Toxigenics' Study 410-0168, Ocular Irritation Study in Rabbits of Mar Oxy. II*. Toxigenics, Inc 1980
- Dr. Steven Clark, D.V.M. et al, *Managing Immunosuppression in Poults, Turkey World*, Jan-Feb. 1998

