

When exposed to water, Putrion(chlorine dioxide effervescent disinfection tablets) can produce yellow-green chlorine dioxide gas molecules, which have the functions of oxidation, disinfection and deodorization. Putrion has been recognized Grade A1 disinfectant by the world health organization and the food and agriculture organization. It is the internationally recognized safe, efficient, non-toxic, no residue of the green disinfection. Putrion touch the release of a new ecological oxygen and microorganism hypochlorous acid molecules and produce a strong sterilization effect. This strong oxidation is mainly manifested in the attack on negative electrons or electron-donating atoms or groups. And then, the forcibly grabbing of electrons causes the oxidation and decomposition of amino acids in microorganisms, inhibits their growth and kills them. So as to achieve the purpose of disinfection and sterilization. Protein denaturation in the process of sterilization. But it has no effect on higher animal cells basically.

### Putrion Information

Main ingredients: Chlorine dioxide content: 10%±0.8%

Specifications: 1g/piece,100 g/bottle

Character: White agent piece

Method of use: Pour the disinfection liquid into the appropriate amount of water to use.

We have Putrions 20 gram/tablet, 1g/piece. In addition, we have Putrions bulk for sale.

### Putrion For Water Purification

Chlorine dioxide is a broad-spectrum, highly effective sterilant. Many foreign studies have shown that chlorine dioxide can kill many pathogenic bacteria such as E. coli and Staphylococcus aureus at very low concentrations (0.1ppm). Even under the interference of organic matter, at a concentration of tens of ppm, all microorganisms such as bacterial propagules, hepatitis viruses, phages and bacterial spores can be completely killed. Contact us if you are looking for a reliable potable aqua chlorine dioxide water purification tablets supplier.

### Putrion Effect

#### Advantages of Putrion

Broad-spectrum: chlorine dioxide pills can kill viruses, bacteria, protists, algae, fungi and various spores and spore-forming bacteria.

High efficiency: Chlorine dioxide can kill all bacterial propagules and many pathogenic bacteria under 0.1ppm, and 50ppm can completely kill bacterial propagules, hepatitis virus, bacteriophage and bacterial spores.

Less affected by temperature: The bactericidal efficacy is basically the same at low temperature and higher temperature.

Wide range of pH applications: Putrion can maintain high sterilization efficiency in the range of pH 2 to 10.

Safe and no residue: Putrions haven't chlorination reaction with organic matter, no generation of tripartite substances and other toxic substances.

No irritation to the human body: When chlorine dioxide ClO<sub>2</sub> is less than 500ppm, its effect can be ignored. And below 100ppm hasn't any effect on people.

### Putrion disinfection usage

Disinfected object	Concentration ratio and method of use
Table/ wardrobe/sofa	1 tablet in 1L water, spray or wipe with a cloth

## Technical data sheet

# Putrion

Fruits/vegetables/cutlery	1 tablet in 500ml water, soak for 10 minutes to wash down
Refrigerator	1 tablet in 2L water, spray or wipe with a cloth
Clothing/Textiles	1tablet in 5L water, soak for 5 minutes to wash down
disinfection of indoor air	1 tablet in 500ml-1Lwater,spray
Pet supplies	1 tablet in 8L water, spray or wipe with a cloth
floor	1 tablet in 500ml water, spray or mop the floor
Surface of common objects	1 tablet in 1Lwater, spray or wipe with a cloth
Bathtub/swimming pool	1 tablet in every 300L water
Tap water/well water	1 tablet in every 200L water
Aquaculture/Fishtank	1 tablet in every 1000L(1ton) water

### Applications of chlorine dioxide disinfection tablets

- 1): Disinfection of life, drinking and running water on various occasions.
- 2): Sterilization and air environment disinfection of hotels, households, stall tableware and sanitary facilities.
- 3): Final sterilization and sterilization of equipment, pipes, and containers in food, beverage factories, and fermentation industries.
- 4): Sterilization of pipelines, facilities and the environment in dairy plants and slaughterhouses.
- 5): Sterilization of hospital sewage.
- 6): Disinfection&sterilization of circulating water in the swimming pool and bathwater.
- 7): Deodorization, disinfection, sterilization, deodorization and anti-mildew treatment of medical, sanitary and clinical instruments.
- 8): Preservation&sterilization of households, hotels, restaurants, fruits and vegetables, and fish foods and final rinse and disinfection of sanitary appliances.
- 9): Secondary disinfection treatment of high-rise building water supply.
- 10): It is equipped with various oral disinfectants, deodorant fluids and wound cleaning fluids.
- 11): Air cleaning, disinfection and deodorization in public places and air conditioning and ventilation systems. Disinfection of patients.
- 12): Disinfection of livestock farms and drinking water, prevention of fish and shrimp diseases, disinfection of pond water, etc.