

TREATMENT OF DRINKING WATER

Bharti Waters is a global leader in water disinfection and sanitation chemicals and water technologies. Our company has developed water disinfection chemicals SCS 10K which are high strength chlorine dioxide chemicals in powdered form. The product is made in India with international standards and has been tested and approved for use in drinking water for human beings. SCS 10K chlorine dioxide should not be confused with chlorine that is presently used for disinfection. Chlorine dioxide is 10 times stronger than chlorine. 1kg SCS 10K disinfects 1.6 million(16 lakh) liters of water. The products are sustainable, cost effective and made with a lot of research and development by leading scientists over the years. Our product eliminates the need of conventional expensive onsite chlorine dioxide generators.

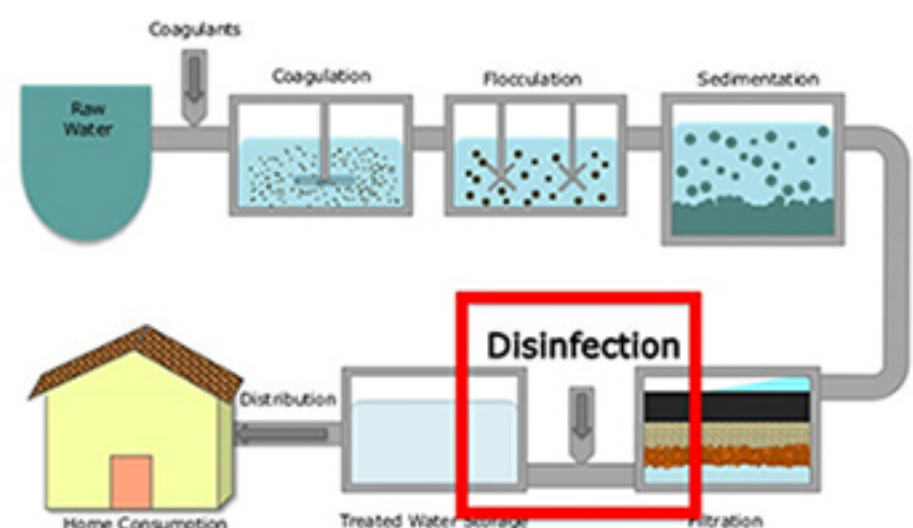
Conventionally chlorine gas, bleaching powder and sodium hypochlorite has been used for disinfection of water. These disinfectants have a kinetic strength of less than 2 hours thus making them extremely ineffective and thus overdosing is prevalent. As informed by the Drinking Water and Sanitation Department, Government of India, chlorine and sodium hypochlorite generate THM, HAA and AOX in water which is hazardous for human health. SCS 10K chlorine dioxide has 16 hours of kinetic strength thus keeping the disinfection for longer. It also removes the bad smell in water and has several health benefits.

Advantages

- Kills 99.9% bacteria, fungus and other contamination in water
- Eliminates the need of expensive onsite chlorine dioxide generators
- Very long kinetic strength of 16 hours
- Remove the bad odor of water
- Available in powders
- Very simple to handle and dose(using simple and cheap dosing pump)
- Effective and affordable
- Based on simplicity
- Safe to use
- Fast and broad active disinfectant for drinking water systems
- Effective over wide pH range (4-10)
- Less corrosive than chlorine
- Already effective at low dosing rates
- A powerful oxidizer in water
- Removes biofilm in water lines
- No formation of chlorinating by-products
- No organic contamination
- No disinfection by-products
- No negative effect to animals and food chain



Water Treatment Process



Advantages

- Water Supply Schemes
- Railways

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CIN NO: U15543DL2004PTC128953