

FOOD PROCESSING

Bharti Waters is a global leader in disinfection chemicals and sanitization chemicals and water technologies. Our company has developed water disinfection chemicals SCS 10K which are high strength chlorine dioxide chemicals in powdered and tablet form. Chlorine dioxide should not be confused with chlorine that is presently used for disinfection. Our product eliminates the need of conventional expensive onsite chlorine dioxide generators. The products are sustainable, cost effective and made with a lot of research and development by leading scientists over the years.

Using a distinctive concentration of chlorine dioxide it provides specific microbiological control for the food and beverage industry, such as brewing and bottling, washing fruit and vegetables, poultry and meat processing, fish processing and dairy plants. Chlorine dioxide does not react with most "organics" in flume water; this makes it a very effective disinfectant. It is also an excellent odor neutralizer, helping to neutralize foul smelling odors including secondary and tertiary amines formed in the food packing industry

Advantages

- Kills 99.9% bacteria, fungus and other contamination in water
- Eliminates the need of expensive onsite chlorine dioxide generators
- Available in tablets and 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

Applications

- Fruit and vegetable processing
- Poultry processing
- Food contact paper manufacture
- Cleaning pasteurizers, warmers and coolers
- Disinfection of packing operations
- Flume water control
- Water treatment
- Equipment disinfection
- Disinfection of tankers, vehicles and transportation vessels
- Cleaning pasteurizers, bottle/can warmers and coolers
- Chain and conveyor spray in bakeries
- Crate washing, bottle wash, staff hand wash
- Water purification and disinfection of water distribution and storage tanks
- Sanitation of tanker trucks, wagons and transportation vessels



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