



Application In Healthcare & Hospital Facility.

Chlorine dioxide is an effective disinfectant capable of killing large number of water borne pathogens & bacteria's including legionella, E coli, cryptosporidium, Giardia and others. The ability of chlorine dioxide to kill legionella is of great importance to hospitals, considering the risk of patient contacting legionnaires disease.

Public awareness of invasive pathogens such as Legionella, MRSA and SARS has reached an all time high because of recent high profile outbreaks. There is an urgent need to modify treatment regimes and implement a biocidal treatment that is fast acting, non-toxic, non-irritating and meets with the required regulatory standards. Chlorine dioxide offers all of these benefits and eliminates the side effects associated with conventional biocides.

Legionella, a life-threatening microbial contaminant, was detected in the hospital's domestic hot and cold water systems. Because the contaminated water system was a source for dangerous waterborne pathogens, it posed a serious risk for a Legionella outbreak among hospital patients who already suffered from compromised immune systems. The safety of its patients is in jeopardy, surrounding a potential Legionella outbreak in the hospital.

Because of its bio-cidal characteristics, ClO₂ is ideal for water hygiene applications in hospitals and healthcare facilities. It has consistently been shown to be the best molecule for eradicating the causative organism of Legionnaires' disease.

Hospital pipe work is extensive and often contains a number of dead logs. There is a serious threat within dead logs due to the prevalence of biofilm. This acts as a safe haven for pathogens and can pose a serious threat to human health.

A chlorine dioxide dosing system means that the water is dosed as it's used, meaning that there is continuous protection without the requirement for periodic shutdowns.

In the UK, the Building Services Research and Information Association (BSRIA) has recommended chlorine dioxide as the best available technology for control of Legionella in hot and cold water systems.

CDD 5000 / Chloritab / Chlorone finds following application health care

- For prevention of legionella in hot and cold water system.
- For air sanitation of rooms & operation theaters.
- For operating instruments sanitation.
- For process water treatment
- For decontamination/disinfection of hospital flexible endoscopes.

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