



# ALL-PURPOSE SANITISER

## MPI APPROVED, SCIENTIFICALLY SUPERIOR SANITISER

**DX50** is stabilised Chlorine Dioxide ( $\text{ClO}_2$ ), chemically engineered to kill 2.46x better than Chlorine whilst being environmentally friendly.

A wide range of industries now have a safer, more effective sanitising alternative.

**DX50  $\text{ClO}_2$  works most effectively in cold water.**



## IDEAL FOR

- Organic produce / facilities
- Meat processing
- Dairy facilities
- Cheese factories
- Fruit & vegetables
- Fish processing
- Breweries
- And more...



## DX50 LEAVES NO RESIDUE

That's because  $\text{ClO}_2$  chemical make-up is altered as it sanitises.  $\text{ClO}_2$  kills by giving one of its electrons to bad bacteria and becoming a different chemical - Chlorite ( $\text{ClO}_2^-$ ). The new chemical is so low in residue, it falls below the level of detection.

**DX50** has an EPA rating of 9.1D - the lowest rating available.



## DIRECTIONS FOR USE

- 1 Ensure surfaces are washed clean before sanitising.
- 2 Apply **DX50** Sanitiser by spraying, immersing, soaking, brushing, wiping or fogging as required.
- 3 For general surface sanitising including bottling equipment, mix **DX50** Sanitiser at 1-2L to 100L clean water.
- 4 For high risk areas mix **DX50** Sanitiser at 1L to 40L clean water.
- 5 For sanitising internal pipe work and vats: 60-100ml **DX50** Sanitiser / 100L water. Reticulate through plant for 5-10 minutes. Open plant and allow to drain.



## BENEFITS OF CHLORINE DIOXIDE

- Effective over a broad pH range (2 to 11)
- Does not effect flavor compounds
- Controls bacteria, fungi, viruses, biofilm and algae
- Does not produce toxic compounds when in contact with organic materials present in water
- Effective at lower concentrate than chlorine or bromine
- Non-corrosive at the recommended concentrate
- Rapidly degrades to harmless inorganic chemicals when exposed to sunlight
- Does not contain chlorine
- Pathogens do not develop resistance to **DX50**
- ClO<sub>2</sub> is a biofilm disruptor

### MANUFACTURED & DISTRIBUTED BY

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MPI Approved: C43 Sanitiser