



WATER TREATMENT

MPI APPROVED, SCIENTIFICALLY SUPERIOR WATER TREATMENT

DX50 Water Treatment is a Chlorine Dioxide (ClO_2) sanitiser commonly used in the disinfection of municipal drinking water and food products. It inactivates bacteria, spores, fungi, moulds, biofilms, and viruses - even at low concentrations and over a wide pH range.



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 ClO_2 chemical make-up is altered as it sanitises. ClO_2 kills by giving one of its electrons to bad bacteria and becoming a different chemical - Chlorite (ClO_2^-). The new chemical is so low in residue, it falls below the level of detection.

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



DIRECTIONS FOR USE

Use of chlorine dioxide in potable water treatment is governed by the Drinking Water Standards New Zealand. It is recommended that a **water test** is undertaken to determine the degree of contamination which in turn determines how much **DX50 Water Treatment** is to be used.

- An initial shock dose would generally be applied: **50 mls of DX50 Water Treatment per 1000 litres**, followed by maintenance.
- Iron and Manganese removal:
For each part of iron and manganese, **use between 5 and 10 parts of DX50 Water Treatment.**



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 Water Treatment**
- ClO_2 is a biofilm disruptor

MANUFACTURED & DISTRIBUTED BY

Sollys Golden Bay
98A Commercial Street, Takaka
(03) 525 9843

Email: sanitiser@sollys.co.nz | Visit www.dx50.co.nz



MPI Approved: C61 Water Treatment