



CleanOxide Powder

Packaging

1 kg Vacuum sealed Chlorine Dioxide bag (contents 1 x 1000g soluble chlorine dioxide powder)
Size of Powder: 260mm long x 190mm wide x 40 mm thick

Ingredients

Sodium Chlorite – 5 to 30%
Non-Hazardous ingredients to 100%

Uses

Disinfecting Potable Water.
Disinfecting all types of water tanks. (Caravan, boats, household, etc)
Disinfecting non-potable water. (Dose rates will be higher than normal)
Disinfecting Hard surfaces and equipment. (Mould, mildew & bacteria disinfection)
Food Processing
Ice making
Fishing Industry
Agriculture, Horticulture, Hydroponics and Viticulture.
Cooling Towers
Odour Removal/Control
Swimming pools (Shock Dosing)
Spa pools (Shock Dosing)

Directions for Use

When handling Powder avoid contact with skin.
Always add the powder to the water source. Do not pre mix the powder in smaller volumes of water.
Do not add water to powder. If unsure regarding dose rates or higher doses are required, please contact a NWS representative.

1kg powder treats up to 100,000 liters of potable water at 1 PPM
We recommend 1kg powder per 50000 liters for the initial dose rate and a standard 1PPM dose rate for ongoing treatments.

1kg powder treatment potable water treatment volumes are detailed below:

Volume of water to be treated	25000L	33333L	50000L	100000L
Powder used (kg)	1	1	1	1
PPM of Chlorine Dioxide	4 ppm	3ppm	2 ppm	1 ppm

If treating cloudy or dirty water, please contact a Natural Water Solutions representative for the appropriate dose rates. Chlorine dioxide test strips are available for testing treated water.

For dose rates and Approval information please visit:
<https://www.nwsolutions.com.au/resources/chlorine-dioxide-approvals/>

For efficacy data on CleanOxide please visit https://www.nwsolutions.com.au/wp-content/uploads/2017/06/CleanOxide-75- DPI_2015_Efficacy-of-disinfectants.pdf



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Powder hard surface disinfection volumes below

Volume of water to be treated	1000L	2000L	3000L	4000L
Powder required (kg)	1	2	3	4
PPM of Chlorine Dioxide	100 ppm	100 ppm	100 ppm	100 ppm

When spraying hard surfaces with a spray bottle/vessel at the recommended dose rates for hard surfaces always rinse with fresh water after use to avoid damage to the spray vessel.

When spraying or treating coloured surfaces always test the product to make sure it does not bleach the surface being treated.

When treating metals always rinse with fresh water after using CleanOxide at the recommended dose rates for hard surfaces. Chlorine Dioxide is Biodegradable at the above dose rates and will break down to small amounts of table salt after use.

Please note the chlorine dioxide demand will always be dependent on the quality of water being treated. The greater the chlorine dioxides demand the more chlorine dioxide will be required.

Note

If treating drinking water, wait at least eight hours after treatment before consuming treated water. **Always add the powder to the water source. Do not pre mix the powder in smaller volumes of water. Do not add water to powder. If unsure regarding dose rates or higher doses are required, please contact a NWS representative.**

Expiry

The product has a shelf life of 12 months unopened. After opening powder is best used immediately.

Storage

Store in a cool dry place in the original package. Keep package tightly sealed when not in use. **Keep out of reach of children.**

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (telephone 13 11 26). If swallowed, rinse mouth with water and give plenty of water to drink. Obtain immediate medical attention. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor. If skin contact occurs, remove contaminated clothing and wash affected area with soap and water.

SAFETY DATA SHEET

Additional information is listed on the Safety Data Sheets (SDS) for CleanOxide Powder. SDS is available from Natural Water Solutions on request.

CONDITIONS OF SALE

Natural Water Solutions Pty Ltd warrants that this product conforms to its chemical description and Natural Water Solutions Pty Ltd will replace this product if found to be faulty as a result of the manufacturing procedure. As the use of this product is beyond the control of the manufacturer, no warranty is either expressed or implied and no liability is accepted for any damage or injury arising from its use or misuse.