



## Liquid component for the production of chlorine dioxide

### Liquid concentrate

#### Application area:

- Production of chlorine dioxide in solution using special chlorine dioxide systems. For use in the food industry

#### Range of services:

- doscan<sup>®</sup> CLT is an alkaline component based on sodium chlorite
- doscan<sup>®</sup> HCS is an acidic component based on hydrochloric acid

#### Application and dosage:

- doscan<sup>®</sup> CLT is dosed into the reactor of the chlorine dioxide system together with doscan<sup>®</sup> HCS. This produces an approx. 2% chlorine dioxide solution, which is further diluted to produce the application solution. The concentration of chlorine dioxide in the application solution is 0.5–2.0 mg/l
- doscan<sup>®</sup> CLT and doscan<sup>®</sup> HCS should be mixed only in a chlorine dioxide system

#### General information on application:

- For commercial use only.
- In order to avoid product residues, all surfaces, especially those that may come into contact with food, must be rinsed with drinking water after each cleaning and disinfection measure.
- Do not mix the concentrate with other products.
- Rinse the dosing system, including the suction hoses, with water before changing the product.
- Dosing only from the original container.
- Do not use in concentrate – only in the application solution.
- The operating instructions of the manufacturer of the chlorine dioxide system must be observed.

- The weigomatic dosing systems and neomatik dosing devices from Dr Weigert enable a controlled, safe, and economical application. We are a specialised company according to the WHG (Water Resources Act). We plan, install, and maintain centralised and decentralised dosing systems tailored to the respective conditions and requirements.
- *Use disinfectants safely. Always read the label and product information before use.*

#### Concentration determination:

The concentration of application solutions is determined using a special procedure. A detailed description of the method is available upon request.

#### Technical data:

- doscan<sup>®</sup> CLT

Appearance	clear, colourless to yellowish liquid
pH value	12.5 (1% in completely desalinated water, 20°C)
Density	approx. 1.1 g/cm <sup>3</sup> (20°C)

- doscan<sup>®</sup> HCS

Appearance	clear, colourless to yellowish liquid
pH value	< 1 (1% in completely desalinated water, 20°C)
Density	approx. 1.0 g/cm <sup>3</sup> (20°C)

The product specification may contain deviating test parameters and is available on request.



# doscan<sup>®</sup> CLT/doscan<sup>®</sup> HCS

## Storage instructions:

- doscan<sup>®</sup> CLT

A temperature of 0–25°C must be maintained during storage. Protect from sunlight. Shelf life of up to three years if stored properly. Can be used until: see imprint on the label behind the  symbol.

- doscan<sup>®</sup> HCS

A temperature between –20°C and +30°C must be maintained during storage. Shelf life of up to three years if stored properly. Can be used until: see imprint on the label behind the  symbol.

## Hazard and safety information

Safety and environmental information can be found in the safety data sheets. These are available at [www.drweigert.de](http://www.drweigert.de) in the “Service/Downloads” section.

When used as intended, the product is harmless in terms of the relevant guidelines for food processing.

Dispose only of empty and sealed containers.  
Disposal of filling material residues: see safety data sheet.

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The information in this data sheet is based on our current knowledge and experience. However, they do not exempt the user from carrying out their own tests and trials.  
A legally binding assurance of certain properties cannot be derived from this.

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