

# Duozon 100 L

Chlorine oxide protected by patent  
(ClO<sub>2</sub>)

*Duozon 100 L* is a long tested product which found its steady place for many years as one of the most effective water disinfection products in many well-known companies of the national and international industry.

## *Product qualities/properties*

- ready for use, inorganic liquid chlorine oxide
- extremely high substance content of 109 g/l
- one of the strongest water disinfectants world-wide
- storable appr. 6 months
- safe elimination of micro organisms like germs, bacteria, legionella etc.
- decomposition of bio films and protection against reorganization
- elimination of iron, manganese and other metals
- reduction of organic compounds (THMs)
- increase of redox potential through a high power of oxidation
- reduction of the legal regulated AOX-results in waste water
- *Duozon 100 L* does not contain chlorite
- Micro organisms cannot develop resistance against *Duozon 100 L*

## *Possibilities of using*

- for process- and cooling waters of big firms, food- and drink industries
- for safe disinfection against bio films, micro organisms, germs and bacteria in process- and cooling water as well as in heat exchangers
- against bio films and legionellas in cooling towers
- for massive treatment against legionellas in air-conditioners
- for optimal cleaning and disinfection of filter plants
- for reduction of AOX-results in waste water



YOUR  
WATEREXPERTS

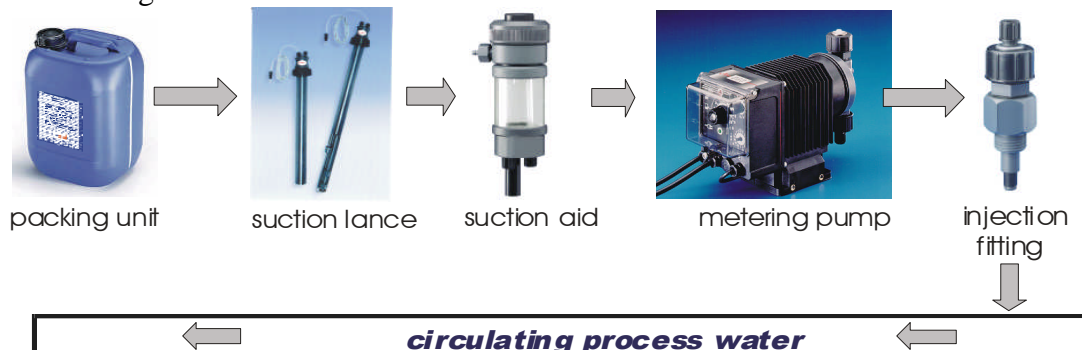
cealin®

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## Dosage

- with a cost saving and simple operating measuring system
- the dosing



- the control of the dosing pump is made by measuring the redox tension of water by a redox-measure appliance

## Application quantities and measurement

- 2 litres Duozon 100 L per cubic metre filter surface pouring on like with a watering can. After a influence time of approximately 8 hours the filter back rinsing will be made
- 5 - 25 ml per cubic metre in cooling resp. process water
- the optimal application depends on the water pollution and can be quickly and simply determined by measuring with a fotometer in connection with Chlor DPD-tests. Because of its enormous oxidation potential the measurement has to be made by using the chlorine DPD-reagent D (glycine).



## Delivery

- is made ready to use ex works
- in packing units of 25 kg, 60 kg, 220 kg and 1000 kg container

## Storage

- **Duozon 100 L** is storable for 6 months
- Storage at a range of temperature of 0 – 35<sup>0</sup> C
- Protect against light and warmth