

CWG DESYTAB DISINFECTIONS TABLETS

PERFECT DISINFECTION OF ALL TYPES OF RESINS IN SOFTENERS



Tablets for water disinfection with 2000 mg OCIO (chlorine dioxide) as a solid, Blister packs (12 tabl).

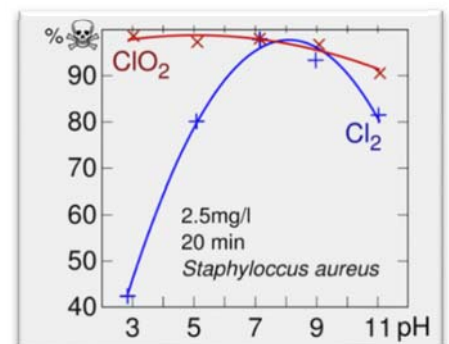
Only give the tablet simply into the brine of the brine tank.
With the next regeneration the forming solution OCIO becomes with the brine about the resin escorts (see chart below).

How does it work?

Under the oxidising biocidal products chlorine dioxide is the most selective oxidation medium. Ozone and chlorine react with the organic components available in water, are thereby consumed and lose to activity. Chlorine dioxide however, react only limited with Organicas and hence works considerably more effective against micro-organisms.

Chlorine dioxide (OCIO) permits a lot of lower dosing quantity in comparison to chlorine products.

However, chlorine dioxide has in regard to its capacity a more than twice as high oxidising effect than chlorine. Chlorine dioxide works with much lower concentrations, with concurrent achievement of better microbiological results.



Quelle: Wikipedia

Target value OCIO concentration at entrance into the resin bed: 10-15 mg/l.

Target value at the end of the resin bed: 5 mg/l.

Resin quantity	Brine quantity	Extra	Conc. ClO ₂ - in the brine	Conc. ClO ₂ - after Injector
15	10,05	1 Tab.	199,0	66,33
20	13,40	1 Tab.	149,3	49,75
25	16,75	1 Tab.	119,4	39,80
30	20,10	1 Tab.	99,5	33,17
40	26,80	1 Tab.	74,6	24,88
50	33,50	1 Tab.	59,7	19,90
60	40,20	1 Tab.	49,8	16,58
75	50,25	1 Tab.	39,8	13,27
100	67	2 Tabs	59,7	19,90
125	83,75	2 Tabs	47,8	15,92
150	100,5	2 Tabs	39,8	13,27
175	117,25	3 Tabs	51,2	17,06
200	134	3 Tabs	44,8	14,93
250	167,5	3 Tabs	35,8	11,94
300	201	4 Tabs	39,8	13,27
400	268	5 Tabs	37,3	12,44
500	335	6 Tabs	35,8	11,94

Chlorine dioxide reacts very fast and is within from 30 seconds up to 5 minutes efficiently against:

- gram-positive and gram-negative bacteria
- mushrooms, micro bacteria and bacterial spores
- cyst and non-cyst viruses

The microbiological effectiveness of the products becomes with the help of the prescribed test methods of the European directive EN 14485 the proved respective use.

Main advantages

- the effectiveness of chlorine dioxide is with more lower concentrations as high as those of chlorine
- the bactericide efficiency becomes relatively a little influenced with a pH value between 4 and 10
- the necessary contact time is lower for ClO₂
- chlorine dioxide has a better solubility
- no corrosion with high chlorine concentrations
- chlorine dioxide does not react with NH₃ or NH₄⁺
- it destroys preliminary stages of THM and increasingly the coagulation
- ClO₂ destroys phenols and has no distinctive smell

Article number	Description	Packing unit
003.070.300	DesyTab 20 g Tablets	300 pcs (25 × 12 tabl.)
003.070.075	DesyTab 20 g Tablets	60 pcs (5 × 12 tabl.)
003.070.000	DesyTab 20 g Tablets	12 pcs (1 × 12 tabl.)