

Comparison with other disinfectants

Table >10 of the cell sprout count within for 60 seconds.

Comparative concentration required for a subtrahend.

Active ingredient		Operating concentration (ppm) for the purpose		
(Active concentration in the ingredient ppm)		Pseudomonas aeruginosa	aphylococcus aureus	Beer yeast bacillus
Chlorine dioxide	20,000	48	93	95
Hypochlorous acid soda (Surfactant is included)	27,300	1,300	300	640
Hypochlorous acid soda	52,500	1,000	1,000	1,000
Hypochlorous acid soda	85,000	820	820	1,600
Compound iodine compound (Titration iodine 17,500ppm)	180,500	440	440	450
Glutaraldehyde (Surfactant is included)	20,000	2,300	1,200	620
Activation glutaraldehyde	20,000	1,600	2,200	18,000
Hydrogen peroxide	300,000	36,000	68,000	270,000
The forth ammonium	22,500	580	140	74
as Septasan + phosphoric aci		150	1,200	300
Phenolic compound		1,500	380	190

Source : Jornal of Industrial Microbiology 4(1989) 145-154, Ralph S. Tanner