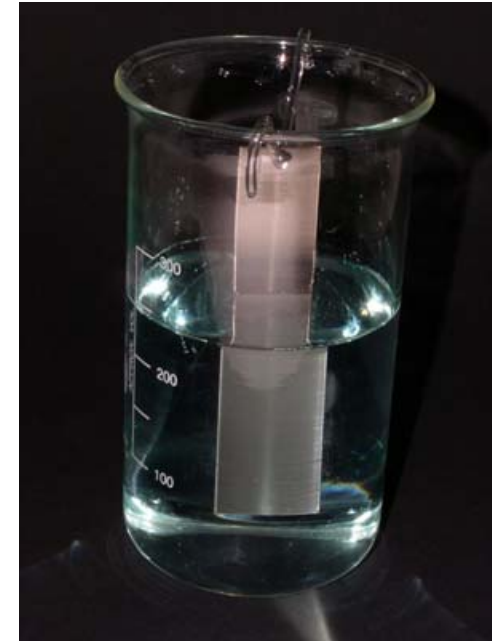


Corrosion behavior

- Test method
 - Standard test pieces (20 x 100 x 1mm) with an overall surface of 0.00424m² were 60% immersed in waterlox solution at a temperature of 35°C over a 24-hour period. Any resulting weight differences (increase/decrease) were measured in g/m² and the test pieces and the disinfectant solution were visually inspected.



Corrosion behavior

- | | | | |
|--------------------------------------|---|-------------------------|----------------------|
| • Stainless steel (V ₂ A) | - | 0,04 g/m ² | very good compatible |
| • Copper | - | 1,10 g/m ² | limited compatible |
| • Brass | - | - 0,55 g/m ² | limited compatible |
| • Zinc | - | -0,39 g/m ² | limited compatible |
| • Iron (tool steel) | - | 33,33 g/m ² | not compatible |
| • Aluminium | - | 0,32 g/m ² | limited compatible |

Corrosion behavior



Material compatibility

- Test method
 - Standard test pieces (40 x 60mm) were immersed in waterlox solution at a temperature of 40°C over a two-week period. Any resulting weight difference (swelling) was expressed as a % and the test materials and the disinfectant solution were visually inspected.



Material compatibility

- Plastics

▪ PE, hard	-	0,01%	-	very good compatible
▪ PS	-	-0,01%	-	very good compatible
▪ PS, glass-clear	-	0,01%	-	very good compatible
▪ ABS	-	0,36%	-	very good compatible
▪ PMMA	-	0,78%	-	very good compatible
▪ PC	-	0,03%	-	very good compatible
▪ POM	-	0,24%	-	very good compatible
▪ PET	-	0,30%	-	very good compatible
▪ PA 6	-	4,82%	-	like tap water
▪ PSU	-	0,20%	-	very good compatible
▪ PVC, hard	-	0,07%	-	very good compatible

Material compatibility

- Rubbers

▪ NR/SBR	-	0,37%	-	very good compatible
▪ EPDM	-	0,50%	-	very good compatible
▪ NBR	-	0,62%	-	very good compatible
▪ IIR	-	0,82%	-	very good compatible
▪ CR/SBR	-	0,96%	-	very good compatible
▪ FKM	-	0,29%	-	very good compatible
▪ PVC	-	-0,08%	-	very good compatible
▪ SI	-	0,02%	-	very good compatible
▪ PUR	-	0,15%	-	very good compatible

Cleaning effect

- Test method
 - Glass plates with test soil were immersed into the waterlox solution at room-temperature over different time periods. The soil reduction was measured as cleaning effect in %.

Cleaning effect

•Blood

- 15 min - 92%
- 30 min - 89%
- 60 min - 87%

•Lard

- 15 min - 0%
- 30 min - 0%
- 60 min - 0%

•Suet

- 15 min - 0%
- 30 min - 0%
- 60 min - 0%

EN 14563 Quantitative carrier test for the evaluation of mycobactericidal or tuberculocidal activity of chemical disinfectants used for instruments in the medical area - pass criterion : min. 4 \log_{10} germ reduction

M.terrae ATCC 15755 , 21°C, w/o organic load, carrier : frosted glass

Contact time 5 min.

freshly prepared solution \log_{10} red. = 3,28

after storage 7 d , r.t. \log_{10} red. = 2,61

Same test under dirty conditions

(load : 0,3% serum albumine + 0,3% sheep erythrocytes)

⇒ no activity (\log_{10} red. = 0)

EN 13697 Quantitative non-porous surface test for the evaluation of bactericidal and/or fungicidal activity of chemical disinfectants used in food, industrial, domestic and institutional areas - pass criterion : min. 3 log₁₀ red.

B.subtilis ATCC 6633 , 21°C, w/o organic load, carrier : steel

<u>Contact time</u>		<u>30 sec.</u>	<u>1</u>	<u>2</u>	<u>5 min.</u>
freshly prepared solution	log ₁₀ red.	0	2,22	3,01	3,03
After storage 7 d , r.t.	log ₁₀ red.	0	0	0	2,97

Same test under dirty conditions

(load : 0,3% serum albumine + 0,3% sheep erythrocytes)

⇒ no activity (log₁₀ red. = 0)