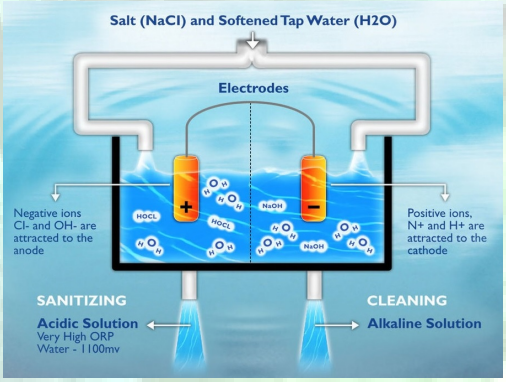
Electrolyzed Water - Hypochlorous Acid Disinfectant

Common Names:

1. NEW - Neutral Electrolyzed Water
2. EOW - Electrolyzed Oxidizing Water
3. ECA - Electro-Chemically Activated Water
4. SOW - Super-Oxidized Water
5. Anolyte



CONTACT KILL TIMES - HARD SURFACES

BACTERIA	*KILL TIME (min)	% INACTIVATION
Aeromonas hydrophila	1	99.99%
Acinetobacter baumannii ATCC 19606	1	99.99%
Alicyclobacillus acidoterrestris spores	5	99.99%
Bacillus subtilis	1	99.99%
Campylobacter jejuni [3]	2	99~99.9%
Escherichia coli [4]	<0.5	99.99%
E. coli (entero-hemhorrhagic) [4]	<0.5	98.99~99.99%
E. coli ATCC 25922	1	99.99%
***Escherichia coli* O157:H7**	<1	99.99%
Escherichia coli New Delhi Metallo-Beta Lactamase-1 (NDM-1)	<1	99.99%
Enterobacter aerogenes	<1	99.99%
Enterococcus faecalis ATCC 29212	1	99.99%
Erwinia carotovora	1	99.99%
Klebsiella oxytoca	<1	99.99%
Klebsiella pneumoniae ATCC 254988	1	99.99%
***Klebsiella pneumoniae* New Delhi Metallo-Beta Lactamase-1 (NDM-1)**	<1	99.99%
Klebsiella pneumoniae	1	99.99%
***Klebsiella pneumoniae* (multidrug-resistant)**	<1	99.99%
Klebsiella oxytoca	<1	99.99%
Klebsiella pneumoniae ATCC 254988	1	99.99%
Listeria monocytogenes	1	99.99%

Listeria innocua	1	99.99%
Mycobacterium tuberculosis (TB)	5~7	99.99%
Myroides spp.	1	99.99%
Pseudomonas aeruginosa ATCC 27853	1	99.99%
Salmonella enterica	1	99.99%
Salmonella typhi [5]	20	99.2%
Shigella dysenteriae [5]	<1	99.9%
Shigella sonnei [6]	1	99%
S.Typhimurium	10	99.99%
Staphylococcus aureus ATCC 29213	1	99.99%
Staphylococcus aureus (methicillin-resistant) (MRSA) (ATCC 33591)	1	99.99%
Stenotrophomonas maltophilia	<1	99.99%
Streptococcus pneumoniae (penicillin-resistant)	<1	99.99%
Streptococcus pyogenes	<1	99.99%
S.Typhimurium	10	99.99%
Vancomycin resistant Enterococcus faecium	1	99.99%
Vibrio cholerae (smooth strain) [7]	<1	99.99%
Vibrio cholerae (rugose strain) [7]	20	99.99%
Vibrio vulnificus	1	99.99%
V.parahaemolyticus	1	99.99%
Yersinia enterocolitica [8]	>30	82~92%

VIRUS	*KILL TIME (min)	% INACTIVATION
Adenoviruses [11]	4.41	99.99%
Coxsackie A [9]	0.3	99%
Coxsackie B [9]	4.5	99%
Echovirus [9]	1.8	99%
Hepatitis A [10]	<1	99.99%
Herpes Simplex	<10	99.99%
Influenza A H1N1	<10	99.99%
Influenza A H1N1 Pandemic	<10	99.96%
Influenza A H3N2	<10	99.99%
Influenza B	<10	99.99%
Influenza A H5N1	<10	99.99%
Noroviruses [11]	0.07	99.99%
Poliovirus [11]	12.72	99.99%
Rotavirus [12]	0.25	99.99%

PROTOZOA	*KILL TIME (min)	% INACTIVATION
Entamoeba histolytica [13]	10	99%
Cryptosporidium parvum [16]	90	99.99%
Giardia intestinalis [14]	10	99.99%

MOLD	*KILL TIME (min)	% INACTIVATION
A. Flavus	<1	99.99%
A. Fumigatus	<1	99.99%
A. Niger	<1	99.99%

YEAST	*KILL TIME (min)	% INACTIVATION
C. Albicans	<1	99.99%
C. Galbrata	<1	99.99%
C. Krusei	<1	99.99%
C. Lusitaniae	<1	99.99%
C. Parapsilosis	<1	99.99%
C. Tropicalis	<1	99.99%
Trichosporon ssp.	<1	99.99%

FUNGI	*KILL TIME (min)	% INACTIVATION
Botrytis cinerea	10	99.99%
Monilinia fructicola	10	99.99%

*500 ppm @ dilution rates 1:1~1:5

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