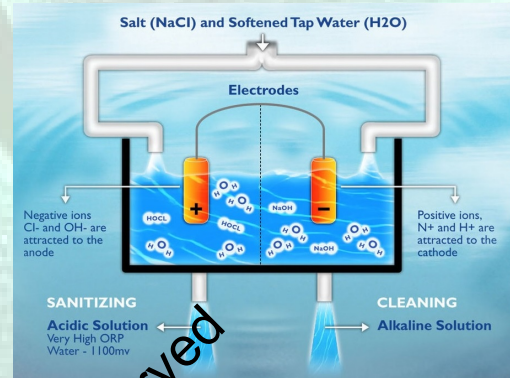


Electrolyzed Water - Hypochlorous Acid Disinfectant

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

SAFE ON AND AROUND
MARINE, PLANT, HUMAN AND ANIMAL LIFE



CONTACT KILL TIMES - HARD SURFACES

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

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

VIRUS	*KILL TIME (min)	% INACTIVATION
<i>Adenoviruses</i> ¹¹	2.41	99.99%
<i>Coxsackie A</i> ⁹	0.3	99%
<i>Coxsackie B</i> ⁹	4.5	99%
<i>Echovirus</i> ⁹	1.8	99%
<i>Hepatitis A</i> ¹⁰	<1	99.99%
<i>Herpes Simplex</i>	<10	99.99%
<i>Influenza A H1N1</i>	<10	99.99%
<i>Influenza A H1N1 Pandemic</i>	<10	99.96%
<i>Influenza A H3N2</i>	<10	99.99%
<i>Influenza B</i>	<10	99.99%
<i>Influenza A H5N1</i>	<10	99.99%
<i>Noroviruses</i> ¹¹	0.07	99.99%
<i>Poliovirus</i> ¹¹	12.72	99.99%
<i>Rotavirus</i> ¹²	0.25	99.99%

PROTOZOA	*KILL TIME (min)	% INACTIVATION
<i>Entamoeba histolytica</i> ¹³	10	99%
<i>Cryptosporidium parvum</i> ¹⁶	90	99.99%
<i>Giardia intestinalis</i> ¹⁴	10	99.99%

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

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

FUNGI	*KILL TIME (min)	% INACTIVATION
<i>Botrytis cinerea</i>	10	99.99%
<i>Monilinia fructicola</i>	10	99.99%

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

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