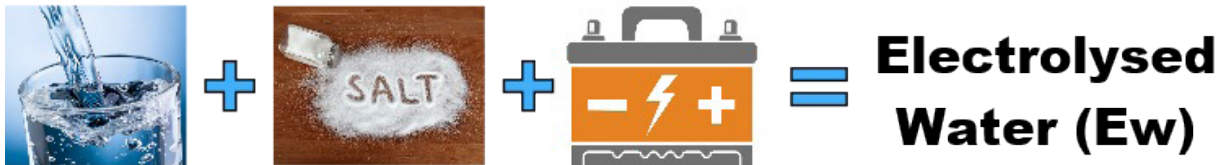


INTRODUCTION:

DEW products are revolutionary high-grade, no rinse disinfectants and powerful cleaning products, able to be utilised across a wide range of application areas.

Our products utilise 'electrolysed' water technology, manufactured from deionised water, high purity salt and a little electricity. The Disinfection products offers the highest grade in multi-spectrum disinfection for surfaces, air and water, without promoting resistance in bacteria and viruses.



Disinfection Products deodorise and suppress dust and other allergens, are pH neutral, FREE FROM harsh or toxic chemicals and leave no residue, so needs no rinsing or control of any kind after use. They also remains active until they naturally decays back to their original components of just water and salt.

REGULATORY COMPLIANCE:

In order to comply with the registration requirement of the European Biocide Regulation Act EU 528/2012 and to be listed under Article 95 of that regulation, for Product Types 1 to 5, Disinfection Products MUST have been tested and shown to be in compliance with the following:

- **EN 901** - A European standard for substances used in the disinfection of water fit for human consumption.
- **EN 1276** - Chemical Disinfectants Bactericidal Activity Testing.
- **EN 1499** - Chemical disinfectants and antiseptics: Hygienic hand wash.
- **EN 1500** - Chemical disinfectants and antiseptics: Hygienic hand rub.
- **EN 1650** - Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic and institutional areas.
- **EN 13623** - Quantitative suspension test for the evaluation of bactericidal activity against Legionella.
- **EN 13697** - Quantitative Surface Test for the Evaluation of Bactericidal or Fungicidal Activity.
- **EN 14476** - Chemical Disinfectants and Antiseptics – Quantitative Suspension Test for the Evaluation of Virucidal Activity in the Medical Area.

All DEW Disinfection Products have successfully been tested to these EN testing protocols.

INDEPENDENT TESTS:

To substantiate the efficacy of our products, they have been evaluated by a number of independent laboratories located in various countries across the world and without exception, all have confirmed that kill times for almost all pathogens are extremely quick, so quick that no development of resistant strains has been recorded.

The table below shows the results achieved by a team lead by Istanbul University on a selection of common pathogens. It quite clearly shows that even at concentrations of just 50ppm FAC all tested pathogens were destroyed within 1 minute.

DEW Ready-to-Use Disinfection products are supplied at a concentration of 260ppm FAC, giving a substantial margin for error, helping to ensure a rapid kill time for most pathogens.

Electrolysed water activity against clinical strains							
Pathogen	Exposure (Minutes)	Concentrations (ppm FAC)					
		500	250	50	25	10	5
<i>Acinetobacter baumannii</i>	1	0	0	0	+	+	+
	2	0	0	0	+	+	+
	5	0	0	0	0	+	+
	10	0	0	0	0	+	+
	30	0	0	0	0	+	+
<i>E. coli</i>	1	0	0	0	+	+	+
	2	0	0	0	+	+	+
	5	0	0	0	+	+	+
	10	0	0	0	0	+	+
	30	0	0	0	0	+	+
<i>Vancomycin resistant Enterococcus faecium</i>	1	0	0	0	+	+	+
	2	0	0	0	+	+	+
	5	0	0	0	0	+	+
	10	0	0	0	0	+	+
	30	0	0	0	0	+	+
<i>Klebsiella pneumoniae</i>	1	0	0	0	+	+	+
	2	0	0	0	+	+	+
	5	0	0	0	0	+	+
	10	0	0	0	0	+	+
	30	0	0	0	0	+	+
<i>Pseudomonas aeruginosa</i>	1	0	0	0	+	+	+
	2	0	0	0	+	+	+
	5	0	0	0	0	+	+
	10	0	0	0	0	+	+
	30	0	0	0	0	+	+
<i>Methicillin Resistant Staphylococcus Aureus</i>	1	0	0	0	+	+	+
	2	0	0	0	+	+	+
	5	0	0	0	0	+	+
	10	0	0	0	0	+	+
	30	0	0	0	0	+	+
<i>Bacillus subtilis</i>	1	0	0	0	+	+	+
	2	0	0	0	+	+	+
	5	0	0	0	+	+	+
	10	0	0	0	+	+	+
	30	0	0	0	0	+	+
<i>Myroides spp.</i>	1	0	0	0	+	+	+
	2	0	0	0	+	+	+
	5	0	0	0	0	+	+
	10	0	0	0	0	+	+
	30	0	0	0	0	+	+

Legend: (0) - no measurable bacteria growth on culture; (+) - bacteria growth on culture.