



# ESS

## Electrolysed water: a Novel Sanitiser

Tech Corporation.  
[www.techcorporation.co.jp](http://www.techcorporation.co.jp)

The company was founded in 1984 and it has been working on small solutions that make a difference. With its strong R&D capacity, it continues to provide innovation and new applications.

Electrolysed water can be produced using tap water with table salt as the singular chemical reactant. The application of electrolysed water is a sustainable and green concept and has several advantages over traditional cleaning methods such as its cost effectiveness, ease of application, effective disinfection, on-the-spot production, and safety for human beings and the environment.

The production of electrolysed water is simple: salt water is electrolysed to generate alkaline (approx. pH 12) and acidic (approx. pH 3) electrolysed water groups. Alkaline water has a great cleaning and washing effect while acidic water has a high disinfecting effect. Both water groups can be utilised in various cleaning applications.

