

E-card

The natural antimicrobial solution

The E-card is a natural anti-microbial product that treats menstrual waste in sanitary disposal units, eradicating bacteria and pathogens with a vapour action, and managing unpleasant odours between service visits.

Proven to
have excellent
**antimicrobial
efficacy** 'in use'
for at least
6 weeks



Neutralise odours and sanitise waste

A Safe Solution

Created from natural actives, the E-card does not contain or produce any hazardous chemicals.

Eliminates Malodour

The natural plant extracts and essential oils penetrate the disposal unit via powerful vapour action, which permeates around, between and through the waste, neutralising odours.

Reliable, Hassle-Free Service

Our expert technicians do the dirty work so you don't have to.



Product Overview

Key Features and Benefits

- ✓ Verified anti-bacterial and anti-viral performance developed specifically for the treatment of waste in lined bins. Proven to be effective against all enveloped viruses including SARS-CoV-2 (COVID-19) Hep B, Hep C, Herpesviridae and HIV.
- ✓ Powerful natural, vapour phase germicide disinfects all contents and surfaces, including the lid.
- ✓ Product testing demonstrates extremely high level of efficacy against broad range of pathogenic bacteria. Compliant with Biocidal Products Regulation (Regulation (EU) No 528/2012).
- ✓ Ecologically sound - Non-toxic and natural in origin replacing the use of noxious and hazardous chemicals. 100% Biodegradable card.
- ✓ Protects users, service operators and business reputation.
- ✓ Laboratory tested and proven to have excellent antimicrobial efficacy 'in use' for the full 6 weeks service period.

How Does E-card Work?

E-card is based on our patented, natural vapour technology and tested to ensure sanitising activity between service calls.

The active components are based on a unique blend of volatile, natural plant extracts. The first noticeable effect is the immediate fragrance action which creates a pleasant aroma in the surrounding room.

The natural anti-microbial vapours then permeate the whole unit and continue to be effective even when the waste unit is full.

This gives enhanced natural anti-microbial activity in lined units for a minimum of 6 weeks, up to 30% longer than most available products.

The totally dry system has been specifically developed to release the natural germicide in a controlled manner to ensure total natural anti-microbial coverage.

Testing According to BS EN Standard Disinfectant Methods

The E-card fluid has been independently tested and passes the following Standard disinfectant methods:

- BS EN 1276:2009
- BS EN 13727:2012+A2:2015
- BS EN 13697:2015



Virology

Independent testing using the standard method- EN 14476:2013 + A2 2019 has shown that the E-card fluid is effective in against all enveloped viruses as defined in EN 14476:2013 + A2:2019 Annex A. Including all coronaviruses and SARS-CoV-2.

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|-------------------------------------|-------------------------------|---------------------------------------|
| • Poxviridae | • Hepatitis Delta Virus (HDV) | Rabies Virus |
| • Herpesviridae | • Influenza Virus | • Coronavirus (e.g. SARS, MERS) |
| • Filoviridae (e.g. Ebola, Marburg) | • Paramyxoviridae | • Human Immunodeficiency Virus (HIV) |
| • Flavivirus | • Rubella Virus | • Human T Cell Leukaemia Virus (HTLV) |
| • Hepatitis C Virus (HCV) | • Measles Virus | • Hepatitis B virus (HBV) |

Reference: Van Regenmortel MHV et al.,Eds.: Virus Taxonomy, Classification and Nomenclature of Viruses, seventh report of the international committee on taxonomy of viruses. Academic Press, San Diego, 2000.