



# Advanced environmental & medical equipment hygiene

Ebiox advanced decontamination technology has developed a unique and highly effective range of cleaning and decontamination products that represent the latest advances in technology.

Each product in the comprehensive range has been specifically designed to assist in the control of potentially harmful pathogens and reduce the risk of cross infection.

When used separately, every product will give outstanding results but, when used together in their specific areas of use, the synergistic effect enhances performance providing users with an exceptional means of minimising healthcare associated infections.

The Trionic™ products are highly effective, while safe and pleasant to use, reducing health and safety implications.

**“A clean hospital environment is of paramount importance to all staff and patients” NHS Estates report: National Standards of Cleanliness for the NHS.**

Cleaning and disinfecting surfaces in healthcare facilities is critical to reducing HAIs. The number and types of pathogens present on environmental surfaces are influenced by several factors:

- The number of people in the environment
- Amount of activity
- Amount of moisture (pathogens are present in greater numbers in moist, organic environments, but some can also persist under dry conditions)
- Presence of material capable of supporting microbial growth (Biofilm)
- Rate at which pathogens suspended in air are removed
- Type of surface and orientation (i.e., horizontal or vertical)

Studies show that 70 per cent of environmental surfaces in rooms of patients who were colonized or infected were contaminated with potentially harmful pathogens.

Cleaning is the necessary and essential first step of any disinfection process. It is needed to render the environmental surface safe to handle or use by removing organic matter, salts, and visible soils - all of which interfere with microbial inactivation. Trionic is designed to Clean and Disinfect Environmental Surfaces or Medical Equipment.

**“Ebiox wipes were effective, in less than one minute, in reducing micro-organisms to a threshold below which it was not possible to accurately measure their viability” Independent test - Q Labs.**



- Easy to use
- No complex protocols
- Safe to the user
- Safe on materials
- Safe on the environment
- Broad spectrum biocidal activity
- Easy to store & long shelf life



All products are manufactured in accordance with an ISO 9001 approved Quality Management System and have been tested and approved to international quality standards.

The range has also undergone stringent research to prove their efficacy and all referenced data is available on request

See over page/ scroll down for further information:

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Advanced Decontamination Technology

[www.ebiox.co.uk](http://www.ebiox.co.uk)

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## The Trionic™ product range:



**Trionic™ D Wipes** have been developed to clean and disinfect Medical Devices and Equipment, by removing 'biofilm' nutrient layers, cleaning surfaces to molecular level and then disinfecting with biocidal activity.



**Trionic™ S Wipes** have been developed to clean and disinfect Hard Surfaces, by removing 'biofilm' nutrient layers, cleaning surfaces to molecular level and then disinfecting with biocidal activity.



**Trionic™ D Spray** is a ready to use spray, developed to clean and disinfect Medical Devices and Equipment, by removing 'biofilm' nutrient layers, cleaning surfaces to molecular level and then disinfecting with biocidal activity.



**Trionic™ D Concentrate** is a solution requiring dilution, developed to clean and disinfect Medical Devices and Equipment, by removing 'biofilm' nutrient layers, cleaning surfaces to molecular level and then disinfecting with biocidal activity.

All Trionic™ products contains the same blend of actives including quaternary ammonia compounds and a biguanide, an agent for biofilm penetration, a surfactant for soil lifting capabilities, a wetting agent and a pH reducer to maintain the activity of the solution.

All Trionic™ products are free from alcohol, aldehydes, chlorine, phenols and halogen.

**Do not use for disinfecting invasive medical devices.**

Conforms to: EN1276, EN1040, EN1275, EN1650, EN1656, Gravimetric Evaluation of Anti-Biofilm Test Agents, EPA Virucidal Efficacy Tests, EN13704, EN14476.

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Directions for use: To clean, wipe the surface until all visible soiling is removed. To disinfect, using a new wipe, wipe the surface ensuring it remains wet for the appropriate contact time. Trionic™ is bactericidal in 1 minute and tuberculocidal in 5 minutes.

CE marked as a Class IIa medical device.

Directions for use: Spray solution onto surface then wipe with a disposable cloth until all visible soiling is removed.

CE marked as a Class IIa medical device.

Directions for use: Normal soiling 10ml/litre of water. Heavy soiling 20ml/litre of water. Apply with a spray, mop or cloth onto any water safe surface, leave for the stipulated contact time then wipe, mop or rinse thoroughly.

CE marked as a Class IIa medical device.

Trionic™ removes biofilm by interacting with the organic molecules, particularly the microbial secretions and breaking up the microbial aggregates using the surfactants in the formulation.

Once the biofilm is forced to form a suspension within the compound, it is vulnerable to the QACs and biguanide mixture which kills any additional microbes at the surface.

Independent Report - Xenobiotica 2010

### Choosing the best Ebiox products for you:

Ebiox products are used extensively in the Primary Care, Community Care, Dental, Podiatry, and Veterinary professions.

If you require assistance to select the appropriate Ebiox products for your healthcare facility please call our sales team, or your local Ebiox agent.