

Press Release
13th March 2008

BYOTROL AND TECHCLEAN LEAD THE FIGHT AGAINST SUPERBUGS SPREAD THROUGH OFFICE EQUIPMENT

Leading anti-microbial technology company Byotrol plc is working with specialist IT cleaning company Techclean Services Limited to lead the fight against superbugs spread through office equipment.

The move to address infection transmission in the workplace comes on the back of a study which examined bacteria levels on different surfaces in a UK office. The study found that the level of bacteria contamination on keyboards is up to 14 times higher than toilet seats*.

ByoClean is the first in a range of unique products to be launched by Techclean and Byotrol. ByoClean uses Byotrol, an innovative anti-microbial technology that safely controls or eradicates the threats caused by micro-organisms, such as MRSA, e.coli and C.difficile. It comes in a disposable wipe format, providing easy and effective IT hygiene cleaning for phones, PCs, printers, photocopiers, laptops, EPOS and projectors.

Stephen Falder, Deputy Chairman for Byotrol explains: "Office equipment is the perfect breeding ground for bacteria. Skin diseases, fungal infections, hepatitis and blood poisoning can be transmitted via a keyboard alone. Bugs such as listeria, salmonella and MRSA have also been found on office equipment.

"As part of the Techclean product range, ByoClean has been proven through a programme of independent testing to be effective against micro-organisms, including MRSA. By working with Techclean, we aim to raise awareness of the disease that can spread via office equipment and provide an easy and effective solution to fight against it."

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Richard Samarasinghe, Operations Director at Techclean Services Limited commented: “Companies are happy to employ window cleaners and people to vacuum but many of them forget about the danger at their finger tips. Every time we fire off an email we could be picking up a dangerous infection. A flu virus can survive for many hours living in a keyboard.”

ByoClean was recently launched at the Techclean Services Limited 25th gala conference for their branch network this month. David McRobbie, Chief Executive at Byotrol was a guest speaker at this two-day event.

Techclean Services Limited provides cleaning services via its 55 branches nationwide. It can also test keyboards for bacterial contamination.

ByoClean is available from:

Techclean Services Limited

Email: info@techclean.co.uk

Telephone: 0800 281940

For further information on Byoclean and IT cleaning services visit www.techclean.co.uk.

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Notes to Editor:

*The study found that a typical male toilet seat had 1,697 RLU (relative lights units) – a measure of the level of bacteria contamination. An average dustbin had around 10,000 RLU and a keyboard measured 25,165 RLU.

Byotrol products have a four stage effect on micro-organisms using changes in surface tension as the basis of their attack.

1. Byotrol's component biocides attack micro-organisms on a surface as soon as the product is applied.
2. Byotrol then conditions the surfaces before additional micro-organisms land, making it more difficult for the micro-organisms to settle on the surface, attach and reproduce.

3. When micro-organisms secrete material in an attempt to form a biofilm, (i.e. attachment properties which enable biofilm production) the secretion compounds – proteins, polysaccharides or oily type materials – are all disrupted by the pervading surface tension regime, making it much more difficult or impossible for the organisms to form a firm attachment to the surface.
4. Finally, the micro-organisms, in their weakened state, succumb to Byotrol's residual, long lasting biocidal action provided by its component biocides. These are not aggressive chemical compounds, but when acting on a micro-organism, they cause the organism's membrane to burst before it has a chance to reproduce.

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