

Hospitality and Leisure

Norovirus (winter vomiting virus) can cause major outbreaks of gastrointestinal illness which can seriously disrupt the efficient running of hospitality and leisure facilities. TECcare™ Antimicrobial Technologies have passed stringent new testing for Norovirus and have been shown to be highly effective at destroying this potentially life threatening pathogen.



Water Treatment

Wherever there is water bacteria, viruses and other microorganisms can thrive and some produce bio-films. TECcare™ Antimicrobial Technologies destroy planktonic (suspended) organisms found in water systems and physically disrupt bio-films and inhibit future formations.



Schools and Nurseries

Enclosed environments with potentially vulnerable populations such as schools and nurseries are ideal for the spread of infectious diseases. The use of hazardous chemicals in these areas poses additional risks to children and should be avoided. The characteristics of TECcare™ Antimicrobial Technologies make them ideal for use in these facilities.



Veterinary Use

Like human health care, veterinary practices and suppliers face the growing problem of resistant microorganisms and pathogenic viruses that threaten the wellbeing of our pets and livestock. TECcare™ Antimicrobial Technologies broad spectrum antimicrobial properties and safety profile make them ideal for use within this environment.



Agriculture

Pathogens affect all aspects of both arable and livestock farming. TECcare™ Antimicrobial Technologies have been developed for use in Federally Inspected meat, poultry and seafood processing locations. Its use is acceptable for direct or indirect contact in or on food.



General Domestic Hygiene

Our health is constantly threatened by pathogens in our own homes, from the spread of influenza and the common cold through to food poisoning and gastrointestinal illnesses. TECcare™ Antimicrobial Technologies have been developed to provide the safest and most effective solution to this problem.



To find out more about TECcare™ Antimicrobial Technologies applications visit www.teccare.com

TECcare™ is a Trade Mark of Talley Environmental Care Limited.

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TECCARE™

Antimicrobial Technologies

...delivering a safer environment

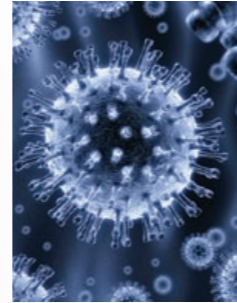
World leading technologies for the fight against microorganisms



Revolutionary New Product Development

Microorganisms are found in all environments but can at times cause serious illness. The risks posed by microorganisms are universal from healthcare to the home and in industry. Talley Environmental Care Ltd utilises a breakthrough technology platform to produce the TECcare™ Antimicrobial Technologies

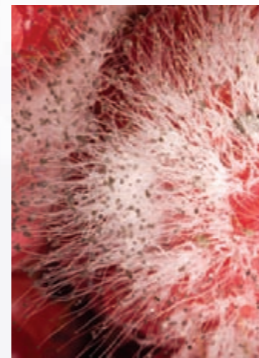
product range. This unique platform is a mixture of inert proprietary materials which act as an adjuvant allowing the utilisation of minute levels of traditional actives. This unique proprietary manufacturing technique, combined with traditional actives, produces world class, safe and highly efficacious antimicrobial solutions. Talley Environmental Care is a UK based company situated in Romsey, Hampshire with Environmental Protection Agency approved manufacturing facilities.



Broad Spectrum Antimicrobial Activity

TECcare™ Antimicrobial Technologies products are tested using approved EU, EPA and AOAC protocols under good laboratory practice and are class leaders in the field of antimicrobial agents, killing / destroying all potential microbial pathogens including:

- Viruses including Norovirus, H5N1 (bird flu), H1N1 (swine flu), Polio, etc.
- Bacterial spores including Clostridium difficile
- Bacteria, e.g. MRSA, e. Coli, salmonella, etc.
- Fungi, Mould and Yeasts



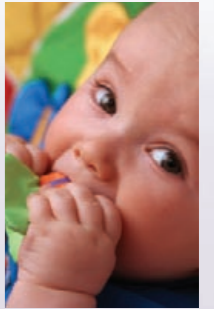
True Sporicidal

Many technologies that claim to kill C. difficile spores have been tested using dilution protocols and claim efficacy against the vegetative form of the organism. The vegetative form is not the organism of concern for infection control processes. C. difficile spores have the ability to remain viable for months on contaminated surfaces. In addition, products effective against only the vegetative form could spread the spores and increase the possibility of infection. TECcare™ Antimicrobial Technologies products have been evaluated and proven highly effective using new test methods approved by the US Environmental Protection Agency and EU Clostridium difficile reference centre.



Safe and Environmentally Friendly

Unlike some products in the market place, the ready-for-use formats created using the TECcare™ Antimicrobial Technologies platform do not contain damaging chemicals and skin irritants such as alcohols, phenols, chlorine and aldehydes. This avoids the serious hazard issue of products like Hydrogen Peroxide and Chlorine releasing agents such as bleach, therefore the TECcare™ product range is well suited for repeated use in a wide range of applications and environments. It is safe and effective as well as being fully biodegradable and environmentally friendly.



Prolonged Antimicrobial Activity



TECcare™ Antimicrobial Technologies can be adapted to "condition" treated hard and soft surfaces. This changes the micro environment using natural physical forces to prevent microbial adhesion, growth and future colonisation for prolonged time periods without any detrimental effect on the material. This "surface conditioning" provides additional benefits such as the disruption and inhibition of bio-films together with odour control without the need for masking scents.

Highly Effective and Ultimately Adaptable

TECcare™ Antimicrobial Technologies are ultimately adaptable; the unique technologies platform can be used to develop an extensive range of products to meet the growing needs of industry and consumers, and can be used without any harmful effect on people, the environment or equipment and surfaces, making it ideal for the ever changing needs of all market sectors:-

Health care including Wound Care Applications

Health care facilities throughout the world are facing unprecedented challenges with the emergence of antibiotic resistant bacteria "super bugs" and evolving strains of viruses. TECcare™ Antimicrobial Technologies can be used for the comprehensive decontamination of all surfaces, as well as for advanced wound care applications such as for irrigating and cleansing the wound bed or impregnating into a dressing to prevent microbial colonisation.



Food Production

The food and beverage industry is at high risk from microbial contamination with lethal consequences; TECcare™ Antimicrobial Technologies can be used in all food and beverage preparation areas from restaurant kitchens to large scale industrial processes.

