TECcare®
Antimicrobial Technologies

TECHNICAL BULLETIN: TECcare CONTROL application

To Whom it may concern.

Please be advised that whilst TECcare CONTROL is a chlorine-free, alcohol-free disinfectant technology it is proven to be highly effective against both enveloped and non-enveloped viruses, as well as bacteria, bacterial spores and fungi.

What has TECcare® CONTROL been designed for?

TECcare® CONTROL has been developed as a combined high-level disinfectant / cleaner for all hard and soft surfaces, environments, equipment, and air. It is designed for use in situations where there is a clear need to create and maintain the cleanest possible environment whilst simultaneously reducing the bioburden (i.e., number of microbes present) in order to interrupt the key transmission pathways (surfaces and air) and reduce the risk of infection, cross infection, contamination etc.

As a combined disinfectant cleaner TECcare® CONTROL is intended for single stage cleaning and disinfection protocols. If local policy dictates a two-stage clean, then disinfect, process then TECcare® CONTROL is suitable for either stage of this process.

How does TECcare® CONTROL affect microbes?

TECcare® CONTROL has multiple simultaneous affects and points of action on the microbe which include: -

- Inactivation of energy-producing enzymes
- Denaturation of essential microbial proteins
- Physical disruption of membrane lipids

Proteins and lipids are essential components of bacteria, viruses, fungi and bacterial spores. Significant damage to these key microbial components is often fatal for the organism. TECcare® CONTROL causes rapid and significant changes at multiple sites within the microbe. The magnitude of this affect is so great that it is typically lethal to the microbe within minutes of contact.

TECcare® CONTROL can be applied by many application methods without any detriment to product efficiency including, but not limited to...

- Electrostatic sprayers
- NAP sprayers
- Mop and bucket

Always carry out a risk assessment before using any chemicals.

G Brierley, Technical Director