

### ABOUT FRESCHÉ

Fresche Bioscience is a company, specialising in the research, development, and marketing of new generation biocides which provide human safe, broad spectrum, long term, eco-friendly microbial control and protection.



*For further information please visit Fresche Group.*

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### HOW DOES IT WORK?

Fresche Bioscience SI QAC antimicrobial treatments function by penetrating and terminally destroying the delicate cell membrane of bacterial and fungal organisms. This is effectively achieved by mechanically setting a series of molecular "road spikes" on a surface, which attract and destroy pathogens through a process known as lysis.

*For further information on its mode of action please visit Fresche Group*

FRESCHÉ-TEX is a new generation multi-benefit, high-performance treatment for natural and synthetic textiles and fibres. FRESCHÉ-TEX has a non-chemical mode of action, and it will not leach from the textile substrate or deplete in microbial efficacy. It is green, clean, sustainable and completely safe for people, pets, plants and the environment.

### KEY ATTRIBUTES

#### SUSTAINABILITY:

- Manufactured from sustainable and renewable materials.
- Contains no heavy metals, poisons, toxic chemicals, carcinogens or endocrine disruptive compounds.
- Fresche is safe for people, plants, pets and the planet.
- In final life, FRESCHÉ-TEX biodegrades to form oxygen, nitrogen and common sand.

#### PERFORMANCE:

- FRESCH-TEX "locks and bonds" to treated textiles and fibres, where it delivers continuing, broad spectrum bacterial, fungal, mould and odour control.
  - As Fresche is not consumed by the disinfection process, it delivers continuing, safe, durable, high-performance microbial protection of the treated textile.
  - Does not leach from the treated surface on which it is applied, and therefore it will not deplete in microbial performance or efficacy.
  - FRESCH-TEX active destroys bacteria and fungus by mechanical mode of action and not chemical interaction. This mode of action ensures terminal control of harmful micro organisms, and will not promote the building of microbial resistance
  - Clean, fresh and odour free, textile retain their 'newness' longer.
  - Oeko-Tex approved for skin safe
  - Fabrics tested with FRESCH-TEX have demonstrated antimicrobial performance, even after 50 industrial washes which is critical for fabrics such as bed screens and bedspreads.
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