

Tristel Fuse

for Surfaces

High-level disinfecting
& sporicidal solution



User guide



High-level disinfecting and sporicidal solution for medical and other surfaces

APPLICATIONS AND USES:

- Commodes
- Incubators
- Hospital mattresses (PVC) and bed frames
- Ward cleaning
- Medical surfaces within operating theatres
- Hard surfaces including floors, walls and doors

EACH SACHET CONTAINS:

- 50ml Base solution (5% solution of citric acid in demineralised water)
- 50ml Activator solution (2.1% sodium chlorite solution in demineralised water)

This makes 100ml chlorine dioxide in aqueous solution for dilution with water

THE TRISTEL CHEMISTRY

Tristel Fuse for Surfaces utilises Tristel's patented chlorine dioxide chemistry, a well-documented, highly effective and safe biocide. The chemical symbol for chlorine dioxide is ClO₂.

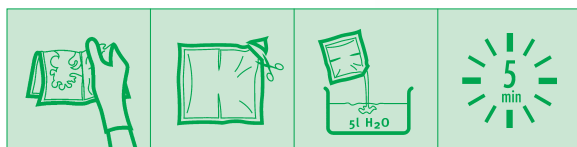
MODE OF ACTION

Tristel Fuse for Surfaces incorporates two separate compartments that contain the Tristel Base and Activator solutions. When mixed by bursting the sachet, chlorine dioxide is generated. Chlorine dioxide is a powerful oxidising agent – an electron receiver. This means that the chlorine dioxide molecule is in constant search for an additional electron. When a bacterial cell comes into contact with chlorine dioxide, it donates an electron from its cell wall. This creates a breach in the cell wall through which cell contents pass in an attempt to bring the concentrations on either side of the cell membrane to equilibrium. The cell dies through lysis.

Biocidal Performance

Tristel Fuse for Surfaces is sporicidal, mycobactericidal, virucidal, fungicidal and bactericidal with a contact time of only 5 minutes. Tristel Fuse for Surfaces is effective against all microorganisms of concern such as:

- Spores *Bacillus cereus, Bacillus subtilis, Clostridium difficile*
- Mycobacteria *Mycobacterium avium, Mycobacterium terrae* (TB)
- Viruses Adenovirus, Poliovirus, Norovirus
- Fungi *Aspergillus niger (brasiliensis), Candida albicans*
- Bacteria *Enterococcus hirae, Pseudomonas aeruginosa, Staphylococcus aureus, Methicillin-resistant Staphylococcus aureus (MRSA), Escherichia coli*
Multidrug-resistant *Acinetobacter baumannii*



How to use Tristel Fuse for Surfaces

Ensure appropriate PPE according to hospital protocol is worn prior to preparing Fuse.

STEP 1

Pour 5 litres of cold water into container.

STEP 2

Take one sachet.

STEP 3

Fold sachet in half and squeeze one side to burst contents through centre seal. Contents will start to turn yellow.

STEP 4

Product is ready to use. Tear or cut sachet.

Take care when opening sachet, do not splash concentrate. Keep away from face and eyes.

STEP 5

Pour contents into five litres of water.

STEP 6

Apply to surface with mop for floors or a cloth for damp dusting other surfaces and leave to dry naturally.



ADDITIONAL INFORMATION

- Make up solution in a well ventilated area.
- Wear gloves and apron before commencing and wash hands after removing gloves and apron.
- Store in original packaging in a cool, well ventilated area out of direct sunlight.
- Once mixed, solution can be kept for up to 24 hours when stored in an air tight container.
- Dispose of empty packaging in accordance with local policy and national regulations.
- Avoid contact with skin and eyes. Contact with the disinfectant may cause mild irritation. Wash affected areas with plenty of soap and water.
- For professional use only.

Manufactured by:

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Tristel order codes:

Citrus – TSL010101

Unfragranced – TSL010201

NHS order codes:

Citrus – FAL649

Unfragranced – FAL650

A good idea from **Tristel**

