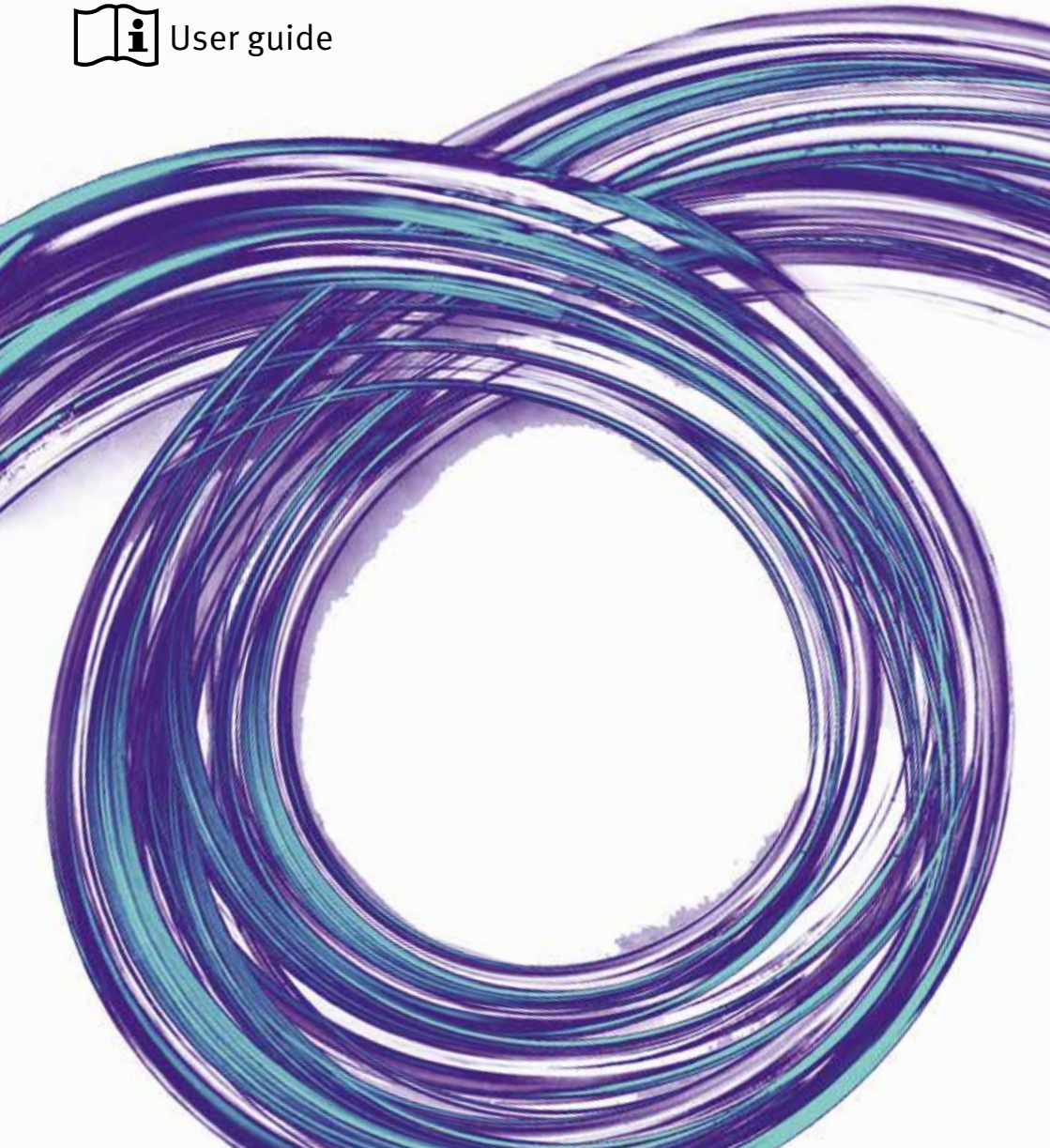
Tristel Fuse™

for Stella

High-level disinfecting
& sporicidal solution

User guide



High-level disinfecting and sporicidal solution for non-lumened and single-lumened endoscopes, manometry catheters and ultrasound probes

EACH SACHET CONTAINS:

- 50ml Base solution (solution of citric acid with preservatives and corrosion inhibitors in demineralised water)
- 50ml Activator solution (sodium chlorite solution in demineralised water)

One sachet makes 5 litres of working solution, delivering a single-use disinfectant solution for use in the Stella System.

THE TRISTEL CHEMISTRY

Tristel Fuse for Stella utilises Tristel's patented chlorine dioxide chemistry, a well-documented, highly effective and safe biocide. The chemical symbol for chlorine dioxide is ClO_2.

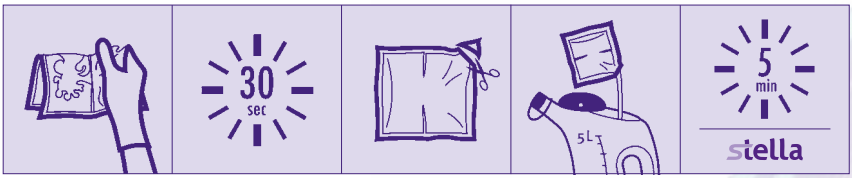
MODE OF ACTION

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

- Spores — *Clostridium sporogenes*
- Mycobacteria — *Mycobacterium terrae* (TB)
- Viruses — Adenovirus, Poliovirus, Vacciniavirus, Polyomavirus SV40 (HPV), Herpesvirus Simplex T1
- Fungicidal — *Trichophyton interdigitale, Candida albicans*
- Bacteria — *Pseudomonas aeruginosa, Staphylococcus aureus, Enterococcus hirae*



How to use Tristel Fuse for **Stella**

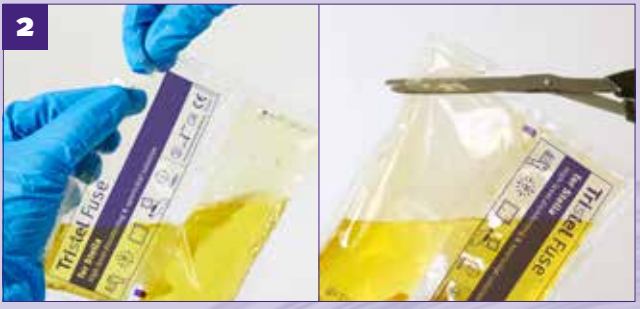
STEP 1
Take one sachet to produce five litres of chlorine dioxide solution. Fold in half and squeeze one side of sachet to burst contents through centre seal. Contents will start to turn yellow. Allow 30 seconds mixing time.

STEP 2
Tear or cut the corner of sachet. Take care when opening the sachet not to spill the concentrated solution.

STEP 3
Pour contents into five litres of water. **Note:** The mixing of solution should be performed using ambient water.
Do not use hot water.

STEP 4
Add prepared Fuse solution to the Stella System when prompted by Stella IQ.

STEP 5
Disinfection time 5 minutes.



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.
- 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.

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EC REP

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For Tristel patent information, please visit http://www.our-patents.info/tristel

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