

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)

This makes 100ml of chlorine dioxide concentrate. Added to 5 litres of water, each sachet delivers 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 ClO₂.

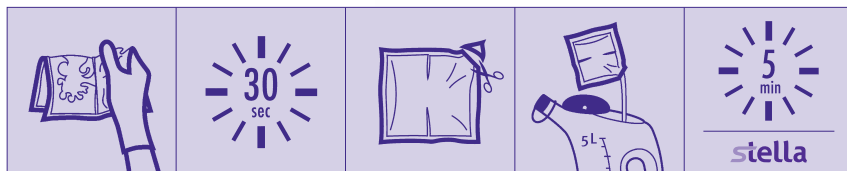
MODE OF ACTION

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 all microorganisms of concern such as:

- Spores *Bacillus cereus, Bacillus subtilis*
- Mycobacteria *Mycobacterium avium, Mycobacterium terrae* (TB)
- Viruses Adenovirus, Poliovirus, Vacciniavirus, Polyomavirus SV40 (HPV), Herpesvirus Simplex T1
- Fungi *Aspergillus niger (brasiliensis), Candida albicans*
- Bacteria Vancomycin-resistant *Enterococcus faecium, Escherichia coli*, Gentamicin-resistant *Pseudomonas aeruginosa, Staphylococcus aureus*, Methicillin-resistant *Staphylococcus aureus* (MRSA), *Klebsiella pneumonia*



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 cold or tepid water.

Do not use hot water.



STEP 4

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

STEP 5

The cycle time is five 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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