

## Tristel Life 5

### Sporicidal disinfectant for instruments

Technological developments led to simplification of instrumentation and techniques in endoscopy-based evaluation of the female reproductive tract, which has enabled the procedure to be carried out in an ambulatory setting. In response, the need has developed for a rapid high-level disinfection of heat-sensitive endoscopic instruments which could be performed safely and easily on site.

Tristel Life 5 is a chlorine dioxide disinfectant solution delivered in a “burstable” sachet for dilution in 5 litres of water. With only 30 seconds in preparation of ClO<sub>2</sub> solution and 5 minutes of instrument immersion time, Tristel Life 5 truly does deliver a rapid sporicidal disinfectant for hysteroscopes, laparoscopes, re-usable needle-guides, etc.

Using Tristel Life 5 eliminates potential delays in procedures and limitations in a number of patients examined. It relieves the pressure of obtaining a high number of expensive instruments and lowers capital investment cost.

Tristel Life 5 can be used in any tray or sink, however, Tristel has developed and recommends use of its patented Stella 5 decontamination system. Stella 5 system takes the functions of a sophisticated and expensive Automated Endoscope Reprocessor and combines these with the speed, simplicity and ease of use that only a manual soak in a tray can provide. Stella 5 ensures controlled single use of disinfectant solution, with every procedure validated and traceable.

### Technology

Tristel Life 5 is packed in a unique two-part burstable sachet ensuring safe mixing of components for generation of chlorine dioxide. Each sachet provides a measured dose of chlorine dioxide to make up 5 litres of ready to use solution. Single use of each sachet ensures the highest standard of decontamination of each instrument.



Tristel Life 5



Stella 5

## Biocidal performance: Tristel Life 5

The Tristel chlorine dioxide chemistry has been extensively tested to European Standards at independent and accredited laboratories or university laboratories.

Tristel chlorine dioxide is rapidly effective against spores, mycobacteria, viruses (enveloped and non-enveloped), bacteria, yeasts and fungi.

The following tests have proven efficacy of chlorine dioxide liquid solution (Tristel Life 5) with contact time of 5 minutes.

Laboratory	Test Norm	Topic / Title
Hospital Infection Research Lab	J. of Hosp. Inf. (1980) 1:63-75	Sporicidal Activity of Tristel One Shot: <i>Bacillus subtilis</i>
Institute de Recherche Microbiologique	French norm AFNOR T72-300	Sporicidal Activity of chlorine dioxide: <i>Bacillus subtilis</i> , <i>Bacillus cereus</i>
Institute de Recherche Microbiologique	European norm EN 13704	Sporicidal Activity of Tristel One Shot: <i>Bacillus subtilis</i>
Eclipse Scientific	European norm EN13704	Activity of Fuse for Surfaces: <i>Clostridium Difficile</i> 027 strain
Hospital Infection Research Lab	J. of Hosp. Inf. (1998) 38:183-192	Tuberculocidal Activity of Tristel Single Shot: <i>Mycobacterium terrae</i>
Institute de Recherche Microbiologique	French norm AFNOR T 72-301 and T 72-171	Mycobactericidal Activity of chlorine dioxide: <i>Mycobacterium tuberculosis</i> , <i>Mycobacterium avium</i> , <i>Mycobacterium terrae</i>
Biotech-Germade	European Norm EN 14348	Mycobactericidal activity of Tristel One Shot: <i>Mycobacterium avium</i> , <i>Mycobacterium terrae</i>
Institute de Recherche Microbiologique	French norm AFNOR T 72-180	Virucidal activity of chlorine dioxide: <i>Picornaviridae</i> , <i>Adenoviridae</i> , <i>Poxviridae</i>
Public Health Laboratory Service		Virucidal activity of chlorine dioxide: <i>Poliovirus type 2</i> , <i>Herpes simples type 1</i>
Micropathology Laboratory		Virucidal activity of Tristel One Shot: <i>Hepatitis C virus</i>
Micropathology Laboratory		Virucidal activity of Tristel One Shot: <i>Human Immunodeficiency Virus type 1</i>
Biotech-Germade	European Norm EN 13624	Yeasticidal Activity of Tristel One Shot: <i>Candida Albicans</i>
Institute de Recherche Microbiologique	European norm EN 1040	Bactericidal activity of chlorine dioxide: <i>Pseudomonas aeruginosa</i> , <i>Staphylococcus aureus</i>
Institute de Recherche Microbiologique	European norm EN 13727	Bactericidal activity of chlorine dioxide: <i>Pseudomonas aeruginosa</i> , <i>Staphylococcus aureus</i> , <i>Enterococcus hirae</i>
Biotech-Germade	European norm EN 13727	Bactericidal activity of chlorine dioxide: <i>Pseudomonas aeruginosa</i> , <i>Staphylococcus aureus</i> , <i>Enterococcus hirae</i>
Hospital Infection Research Lab	European norm EN 13727	Bactericidal activity of Tristel 100ppm: Gentamicin resistant <i>P.aeruginosa</i> , Methicilin resistant <i>S.aureus</i> , Vancomycin resistant <i>Enterococcus faecium</i> , <i>Candida Albicans</i>
Biotech-Germade	European norm EN 14561	Bactericidal activity of chlorine dioxide: <i>Pseudomonas aeruginosa</i> , <i>Staphylococcus aureus</i> , <i>Enterococcus hirae</i>
mgs laboratories	European Norm EN 1276	Bactericidal activity of Tristel Fusion: <i>Escherichia coli</i> , <i>Staphylococcus aureus</i> , <i>Enterococcus hirae</i> , <i>Pseudomonas aeruginosa</i>