

# Tristel™ for Surfaces

High-level disinfecting & sporicidal solutions  
for preventing outbreaks and ward closures



# High-level disinfecting & sporicidal solutions for preventing outbreaks and ward closures

Tristel Fuse, Jet and Duo harness the powers of Tristel's proprietary chlorine dioxide chemistry. They are effective against a wide range of microorganisms, including multi-drug resistant pathogens, in short contact times.

Tristel Fuse, Jet and Duo are the best solutions for preventing outbreaks and ward closures.



## Why choose Tristel Fuse?

Tristel Fuse is a powerful chlorine dioxide based biocide. It is designed specifically for use on large surface areas such as floors and walls.

Tristel Fuse is delivered in a unique dual-compartment burstable sachet containing Tristel Base and Activator solutions. When mixed upon bursting the sachet, Tristel's proprietary chlorine dioxide chemistry is generated.

Each sachet produces five litres of working solution at one concentration, with one contact time to destroy a wide range of microorganisms. Tristel Fuse achieves high-level disinfection, including sporicidal efficacy, in five minutes.

Tristel Fuse is safe for use on most floors, walls, mattresses and stainless steel surfaces.

## Why choose Tristel Jet?

Available in a Gel or Liquid spray, Tristel Jet is a fast, effective and easy-to-use chlorine dioxide-based solution for the high-level disinfection of near-patient surfaces.

Tristel Jet Gel and Liquid have been tested in accredited laboratories worldwide and are proven effective against microorganisms of concern such as *Clostridium difficile*, *Mycobacterium terrae*, Norovirus, Methicillin-resistant *Staphylococcus aureus* (MRSA) and Vancomycin-resistant Enterococci (VRE) in 30 seconds and 60 seconds respectively. The Tristel Jet trigger head is a durable reusable mechanism, designed specifically for the effective delivery of Tristel's proprietary chlorine dioxide chemistry.

## Why choose Tristel Duo?

Tristel Duo is chlorine dioxide in a foam, designed specifically for the cleaning and high-level disinfection of near-patient surfaces.

Its innovative delivery system ensures that Tristel Duo is delivered safely, rapidly and at one effective concentration for each application.

Similar to Tristel Jet Gel, Tristel Duo benefits from non-aerosol technology; ClO<sub>2</sub> is contained within the foam.

Tristel Duo achieves high-level disinfection, including sporicidal efficacy in 30 seconds.

## Effective application with Tristel Dry Wipes

Tristel Dry Wipes are made of 100% polypropylene (18g) and are non-woven. They are pre-cut to prevent shedding when dispensed from the tub. The use of Tristel Dry Wipes enhances cleaning and disinfection performance by allowing effective release of liquid onto the surface.

## Chlorine dioxide

Tristel Fuse, Jet and Duo utilise Tristel's proprietary chlorine dioxide chemistry (ClO<sub>2</sub>), a well-documented and highly effective biocide. ClO<sub>2</sub> is a strong oxidant whose germicidal characteristics are well known. It can oxidise lipids and proteins present in bacterial and fungal cell membranes, leading to a loss in membrane integrity and ultimately cell death. ClO<sub>2</sub> can also penetrate cells and degrade nucleic acids via an oxidative pathway. Similar mechanisms are responsible for the ability of ClO<sub>2</sub> to inactivate viral particles. ClO<sub>2</sub> is proven effective in preventing biofilm build-up and in removing it from surfaces. Tristel Fuse, Jet and Duo are superior to surface cleaners and disinfectants based on bleach, chlorine tablets, quaternary ammonium compounds, phenols and aldehydes.

Chlorine dioxide is an oxidising disinfectant which achieves biocidal efficacy through electron exchange.

Its action on amino acids and biological thiols via this mechanism leads microorganisms unable to develop resistance against chlorine dioxide.

## Using Tristel Fuse



1 Pour five litres of ambient water into a container.

2 Take one sachet and fold it in half. Squeeze one side to burst contents through the centre seal. Contents will start to turn yellow.



3 Tear or cut the sachet corner and pour contents into five litres of water. Tristel Fuse is now ready to use.

4 Apply Tristel Fuse with a mop for floors and walls and with a cloth for damp dusting. Observe a contact time of five minutes.

### Applications

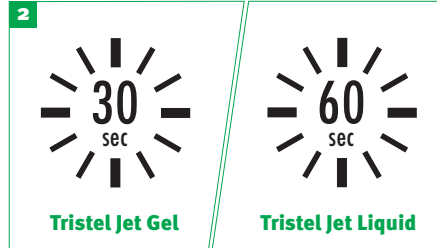
Tristel Fuse is designed specifically for the cleaning and high-level disinfection of large hard non-porous surfaces in critical areas such as:

- Operating theatres
- Oncology units
- Surgeries
- Burn units
- Intensive care units
- General wards

## Using Tristel Jet



1 Apply Tristel Jet onto a Tristel Dry Wipe or directly onto the surface. Use the wipe to spread the disinfectant over the surface and ensure all areas are covered.



2 Observe the appropriate contact time.

### Applications

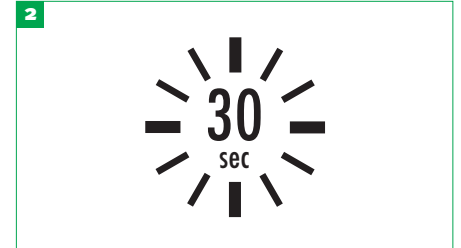
Tristel Jet is designed specifically for the high-level disinfection of hard non-porous surfaces, such as:

- Commodes
- General ward cleaning
- Mattresses
- Patient hoists
- Dressing trolleys
- Other hard surfaces
- Near patient surfaces

## Using Tristel Duo



1 Apply Tristel Duo onto a Tristel Dry Wipe or directly onto the surface. Use the wipe to spread the foam over the surface and ensure all areas are covered.



2 Observe a contact time of 30 seconds.

### Applications

Tristel Duo is designed specifically for the cleaning and high-level disinfection of hard non-porous surfaces, such as:

- Work surfaces
- Monitor cases
- Dressing trolleys
- Control panels
- Instrument tables
- Keyboards
- Beds and mattress covers

### References and publications

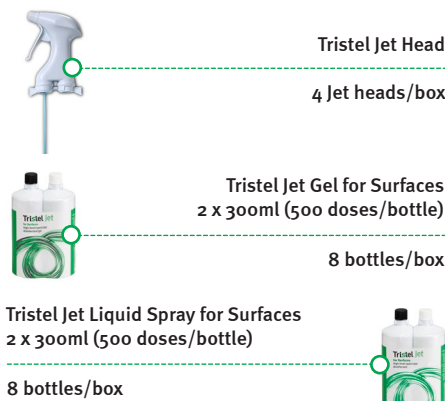
- *Know your way around preventing infectious outbreaks.* The Clean Academy - Tristel. September 2015.
- *Striking success: 365 days C. diff free.* University Hospitals Coventry and Warwickshire. Working with Tristel. Infection Control. Case Study, April 2014.
- *Effective change management smoothes transition to Tristel at University College London Hospitals NHS Foundation Trust (UCLH).* Case Study, January 2011.
- *Assessment of the activity of Tristel Fuse against Clostridium difficile.* Hospital Infection Research Laboratory, University Hospital NHS Foundation Trust, Queen Elizabeth Hospital, Birmingham, United Kingdom. December 2010.

## Product options



Tristel Fuse for Surfaces  
40 sachets/box  
(Available in citrus fragranced or unfragranced sachets)

5l Mixing Container



Tristel Jet Head  
4 Jet heads/box

Tristel Jet Gel for Surfaces  
2 x 300ml (500 doses/bottle)

8 bottles/box

Tristel Jet Liquid Spray for Surfaces  
2 x 300ml (500 doses/bottle)

8 bottles/box



Tristel Duo for Surfaces  
2 x 125ml (310 doses/bottle)

6 bottles/box

Tristel Dry Wipes (200 wipes/tub)

6 tubs/box

Tristel Dry Wipes wall bracket

**Tristel**

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**WE HAVE CHEMISTRY.**