

Crystel

TITANIUMTM

Rapid-action sterile sporicides for surface
disinfection in controlled environments



Rapid-action sterile sporicides for surface disinfection in controlled environments

Based on Tristel's proprietary chlorine dioxide chemistry, Crystel Titanium Wipes and Crystel Titanium Sterile Chlorine Dioxide Spray are designed specifically for surface disinfection in controlled environments.



THE ONLY STERILE SPORICIDES THAT TICK ALL THE RIGHT BOXES

● VERSATILE

Crystel Titanium Wipes and Spray are designed specifically for sporicidal surface disinfection within controlled environments, as recommended by the NHS*. They can also be used on work surfaces, racks, equipment, printers, heat seals and surfaces.

● EFFECTIVE

Crystel Titanium has been tested extensively according to European Standards including EN 13704, EN 1650 and EN 13697 and is effective against microorganisms of concern such as *Bacillus subtilis*, *Micrococcus luteus*, *Candida albicans* and *Staphylococcus aureus*.

● FAST

Crystel Titanium Wipes and Spray are effective in short contact times. Efficacy is achieved at one consistent concentration and within the natural drying time of the surface.

● COMPATIBLE

Chlorine dioxide has been tested for compatibility with numerous materials including:

- Stainless Steel
- Glass
- Polyether ether ketone (PEEK)
- Polypropylene (PP)
- Polyvinylidene fluoride (PVDF)
- Polytetrafluoroethylene (PTFE)
- Polymethylmethacrylate (PMMA)
- Acrylonitrile butadiene styrene (ABS)
- Polycarbonate (PC)

● HIGH QUALITY

Crystel Titanium Wipes are made of a high quality non-woven, low-linting polyester cellulose blend and each measure 23cm x 23cm for excellent surface coverage.

Crystel Titanium Spray incorporates a unique and durable trigger mechanism for the application of Tristel's proprietary chlorine dioxide chemistry.

● INNOVATIVE

Crystel Titanium incorporates two separate compartments that contain Tristel Base (citric acid) and Tristel Activator (sodium chlorite) solutions. When mixed, Tristel's proprietary chlorine dioxide chemistry is generated.

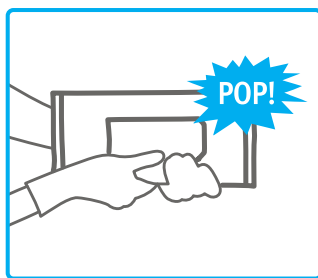
The Tristel Activator and Base solutions are blended with WFI and are 0.2 micron filtered. Crystel Titanium is filled and double bagged in a Grade A laminar flow. The product meets the requirements of the GMP.

Crystel

TITANIUM™

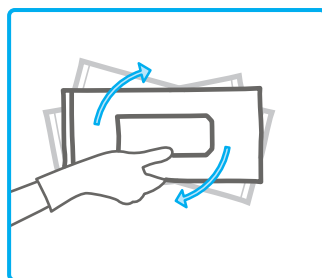
* 'Guidance for Aseptic Transfer Processes in the NHS: Addressing Sporidical Issues' (July 2015)

HOW TO USE CRYSTEL TITANIUM WIPES



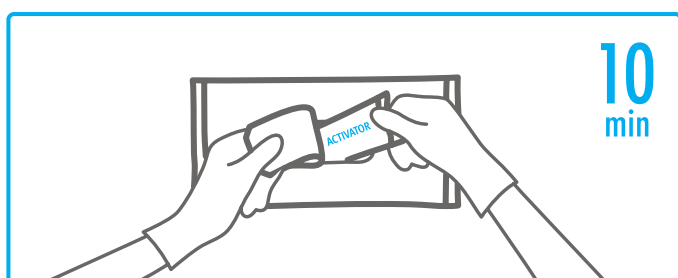
Step 1

Hold the double-bagged pack horizontally and press to pop the Activator sachet inside the pack using both hands.



Step 2

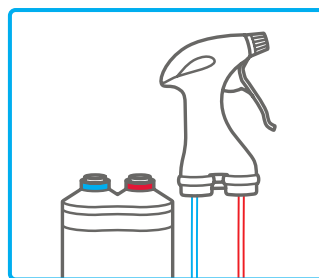
Shake the pack gently for a few seconds to ensure an even dispersal of Activator solution over the wipes.



Step 3

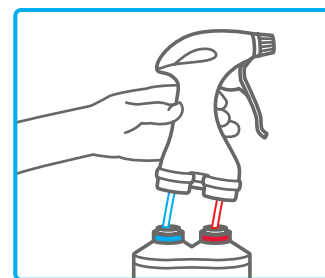
Leave the wipes to activate for ten minutes prior to use. Then open the pack, remove the empty Activator sachet and reseal the pack. Discard the Activator sachet to waste. Discard the wipes after eight hours even if unused.

HOW TO USE CRYSTEL TITANIUM SPRAY



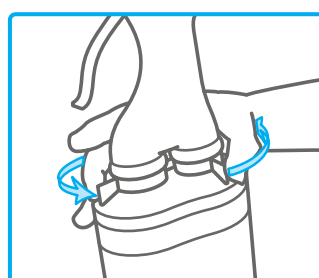
Step 1

To assemble for use, remove both bottle caps.



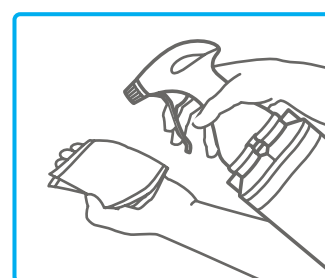
Step 2

Place the trigger spray head into the Titanium pack, making sure to place the blue tube into the bottle with the blue cap (B), and the red tube into the bottle with the red cap (A).



Step 3

Attach the head to the Titanium Spray pack by fastening the levers on each side.



Step 4

Titanium Spray is now ready to use. It can either be applied directly onto a surface or onto a dry wipe. Then use the wipe to spread the disinfectant over the surface.

CONTACT TIME



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PRODUCT OPTIONS

CRYSTEL TITANIUM WIPES



16 x 20 wipe packs/box
CRY144

CRYSTEL TITANIUM SPRAY



6 x 800ml bottle/box
& 6 x spray head
CRY151/6

Each Titanium product comes with its own technical file, Certificate of Analysis, Certificates of Sterility and Certificates of Irradiation.

Use biocides safely. Always read the label and product information before use.

Tristel™

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

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Mkt-Bro-140-7
August 2020

Tristel™

WE HAVE CHEMISTRY.