

6113 | 500ml bottle
LC-ART-0038

6114 | 1000ml bottle
LC-ART-0037

optipre.TM

sporicidal disinfectant

Methods of application

OptiPre Sporidical Disinfectant is a versatile solution which can be effectively administered using a range of methods.

- Submerging or soaking
- Spraying or covering
- Misting
- Fogging

Instruction for use when submerging or soaking.

Recommended for small items.

When using OptiPre Sporidical Disinfectant as a ready-to-use solution of nominal 400 PPM ClO₂:

1. Decant OptiPre Sporidical Disinfectant into a clean container with an available lid.
2. Clean the surface of the item you are wanting to disinfect and remove any visible contaminants and previously applied chemicals.
3. Submerge the item in the solution of OptiPre Sporidical Disinfectant.
4. Put a lid on container.
5. Ensure the entire surface area of the item is covered with disinfectant solution.
6. Allow a minimum of two minutes contact time for full efficacy.
7. After two minutes, remove the item and wipe any remaining solution off the surface using a clean cloth.
8. It is recommended that you rinse the item with clean water after repeated use of OptiPre Sporidical Disinfectant over time.
9. Record open date on bottle for future reference.

Instructions for use when spraying or covering with OptiPre Sporidical Disinfectant

Recommended for larger items or small surface areas.

When using OptiPre Sporidical Disinfectant as a ready-to-use solution of nominal 400 PPM ClO₂:

1. Clean the surface and remove any visible contaminants and previously applied chemicals.
2. Apply generous amounts of OptiPre Sporidical Disinfectant directly to the surface using a sprayer or by applying to a clean cloth.
3. Ensure the entire surface area is covered in solution.
4. Allow a minimum of two minutes contact time for full efficacy.
5. After contact time, wipe any remaining solution off the surface.
6. It is recommended that you rinse the surface with clean water after repeated use of OptiPre Sporidical Disinfectant over time.
7. Record open date on bottle for future reference.

Instructions for use when misting.

Recommended for larger surface areas or small rooms.

When using OptiPre Sporidical Disinfectant as a ready-to-use solution of nominal 400 PPM ClO₂:

1. Clean the surfaces and remove any visible contaminants and previously applied chemicals.
2. Apply generous amounts of OptiPre Sporidical Disinfectant directly to the surfaces and around the room.
3. Be sure to move items within the space to ensure complete coverage of the area.
4. Ensure the entire surface area is covered in solution.
5. Allow a minimum of two minutes contact time for full efficacy – area or surface should remain damp with the solution during the full two minutes contact time.
6. After contact time, wipe any remaining solution off the surfaces.
7. It is recommended that you rinse the surface with clean water after repeated use of OptiPre Sporidical Disinfectant over time.
8. Record open date on bottle for future reference.

Special considerations when using a misting device

Do not place the mister upside down when filled, keep upright to prevent liquid pooling in the spraying head.

Keep Spraying head/nozzle away from face.

Misting equipment should always be rinsed clean after use to prevent material damage.

Use PPE if working in poorly ventilated areas*

Every misting device should be supplied with detailed instructions – consult enclosed IFU for guidance on specific use of your misting device.

For surface disinfection and cleaning.
Effective for use against bacteria, spores, viruses, fungi, and biofilm.
Diluted aqueous solution of nominal 400 PPM of Chlorine Dioxide (ClO₂).

Ingredients: | Chlorine Dioxide 0.04%
Dodecyltrimethylamine Oxide 0.02%

Instructions for use when fogging.

Recommended for larger areas or rooms.

When using OptiPre Sporidical Disinfectant as a ready-to-use solution of nominal 400 PPM ClO₂:

1. Clean the surfaces and remove any visible contaminants and previously applied chemicals.
2. Apply generous amounts of OptiPre Sporidical Disinfectant directly to the surfaces and around the room.
3. Be sure to move items within the room to ensure complete coverage of the area.
4. Ensure the entire surface area is covered in solution.
5. Allow a minimum of two minutes contact time for full efficacy - area or surface should remain damp with the solution during the full two minutes contact time.
6. After contact time, wipe any remaining solution off the surfaces.
7. It is recommended that you rinse the surfaces with clean water after repeated use of OptiPre Sporidical Disinfectant over time.
8. Record open date on bottle for future reference.

Special considerations when using a fogging device.

Always keep the spray gun pointed away from your face.

Fogging equipment should always be rinsed clean after use to prevent material damage.

Use PPE if working in poorly ventilated areas*.

Every fogging machine should be supplied with detailed instructions – consult enclosed IFU for guidance on specific use of your fogging device.

Personal Protective Equipment Guidance

For personal protective equipment (PPE) recommendations, follow your local guidelines.

OptiPre Sporidical Disinfectant is a non-hazardous solution and does not require PPE when in use. Safety data sheet available for reference.

We would recommend using appropriate PPE when carrying out disinfecting/cleaning in areas that have potentially been contaminated with infectious particles, due to the risk of splashing during cleaning.

You may choose to wear gloves when handling the solution and half mask and goggles in areas with poor ventilation.

* Additional guidance for PPE use when misting or fogging:

When used in a well-ventilated area

When misting or fogging is carried out in a well-ventilated area, eye protection (goggles) should be worn if there is a risk of direct exposure or splashing when carrying out cleaning or disinfecting. Use caution when filling tanks and bottles. Always keep spray heads, nozzles, and spray guns away from faces – when in doubt, use half mask and goggles. Follow the general obligations highlighted in EU directive 89/391 and national occupational legislation.

When used in a poorly-ventilated area

When misting or fogging in an area with poor ventilation. Open all doors or windows and use a full or half mask with filter B (grey for inorganic gases and vapours).

Warning:

- The contents of this bottle is a premixed solution and must not be mixed with other cleaning agents or liquids, as it will lose its efficacy.
- If dilution is required, please follow the specific dilution instructions enclosed.
- Keep out of reach of children.
- Ensure the area is well ventilated when in use – where ventilation is poor, follow additional PPE guidance.
- May irritate eyes and respiratory tract.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice if irritation persists.
- If swallowed, rinse the mouth out thoroughly with water and spit. Follow that by drinking a minimum of 500 ml of water. Seek medical attention if any symptoms develop and keep bottle available for reference by medical professionals.
- This product is not classified as dangerous according to 1272/2008 and 1999/45/EC.

Shelf life and storage:

- See expiration date on bottle.
- Keep bottle closed when not in use.
- Once opened, use within 28 days (record opening date on label for reference).
- Store in a cool place and avoid exposure to direct sunlight.
- Unused disinfectant can be poured down a conventional sink.
- Bottle is fully recyclable.

Dilution of OptiPre Sporidical Disinfectant

OptiPre Sporidical Disinfectant is supplied in a pre-mixed solution, nominal 400 PPM ClO₂. At nominal 400 PPM, OptiPre Sporidical disinfectant is a highly effective biocide. At lower levels of ClO₂ PPM, OptiPre Sporidical Disinfectant can still be very effective at destroying bacteria, viruses, mold, and biofilms.

OptiPre Sporidical Disinfectant can be diluted 1:1 using water to achieve lower levels of ClO₂ ppm.

Once diluted, use within 8 hours or retest the diluted solution after maximum 8 hours.

Inspect product efficacy using colour indicator or ClO₂ test strips before each use.

- When diluting OptiPre Sporidical Disinfectant, there may be a strong smell. Ensure you are in a well-ventilated area – where ventilation is poor, follow additional PPE guidance.
- Follow your local guidelines with regards to personal protective equipment (PPE).
- Disposal of excess solution can be done in a conventional sink.
- For further dilution and detailed dilution chart, please request additional dilution documents.

What level of efficacy do you require?

	Bacteria	Fungi	Enveloped Viruses	Non-enveloped Viruses	Mycobacteria	Spores
Example:	Multi resistant bacteria, E-coli, Listeria, salmonella,	Candida,	Covid-19, MERS, SARS, Flu, HIV, hepatitis B, herpes.	Norovirus, rhinovirus, parvovirus.	Tuberculosis, leprosy.	C. Difficile, anthrax, clostridium.
High-Level 650 PPM -200 PPM	YES	YES	YES	YES	YES	YES
Intermediate Level 200 PPM -50 PPM.	YES	YES Except Aspergillus species.	YES	YES	YES	NO

Colour as an indicator of PPM:

Assessment of the level of disinfection efficacy can be achieved through visual inspection of the colour. When solution is at nominal 400 PPM, the colour of the solution will appear darker, and when presenting at 50 PPM, the colour will appear lighter. See colour chart below for guidance:

400 PPM	200 PPM	50 PPM
High-level		Intermediate-level

Testing strips as an indicator of PPM:

Product Code: 7004

Product Description:

High-level Chlorine Dioxide (ClO₂) test strips used to indicate the parts per million (PPM) of ClO₂ as a guide to disinfection level.

Application:

- The 0-500 PPM Chlorine Dioxide test strip is used to detect chlorine dioxide at levels usually associated with use in a disinfection/cleaning application.
- Test Range: 0-500 PPM
- Test Increments: Colour charts calibrated at 0, 10, 25, 50, 100, 250, and 500 PPM.
- Accuracy: +/- ½ colour chart unit
- Detection Limit: 5 PPM

Interferences:

Test strip may react to other oxidizing materials, peracetic acid, peroxide, etc.

Instructions for Use:

1. Decant OptiPre Sporidical Disinfectant into a clean container.
2. Using a cup-size sample of OptiPre Sporidical Disinfectant.
3. Immerse the test strip for 2 seconds.
4. Remove strip face up. Do not shake off excess water.
5. After 10 seconds, compare test strip against colour chart. (Note: colour on the test strip may not be uniform; this is normal.)

Disclaimer:

The chlorine dioxide test strips are not intended for use to diagnose, treat, or monitor any medical condition.

Storage & Shelf-life Recommendations:

- Store in original packaging in a cool (20-30°C), dry place.
- Store out of direct sunlight.
- Shelf-Life: two years from date of manufacture when stored as instructed in original packaging.



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