



Minnicare® Cold Sterilant

Application Notes: Sporicide Concentrate For Surface Disinfection in Pharmaceutical Cleanroom Environments

Minnicare Cold Sterilant is an effective disinfectant and sterilant for hard surfaces commonly found in pharmaceutical cleanrooms. Surfaces made from non-porous materials such as plastics, stainless steel or glass can be disinfected using Minnicare Cold Sterilant solutions. Examples include counter tops, walls, floors, etc.

Minnicare Cold Sterilant Effectiveness

Minnicare Cold Sterilant is a powerful disinfectant containing a proprietary mixture of 4.5% peracetic acid and 22.0% hydrogen peroxide. It is effective against a broad spectrum of organisms, including bacterial spores, fungal spores, bacteria, mycobacteria, yeast, molds and viruses. Minnicare Cold Sterilant is not a systemic bactericide. Rather it is a powerful oxidizer that attacks and breaks down the organic components of microorganisms, not just killing them, but destroying their structure. This makes Minnicare Cold Sterilant one of the fastest acting and most effective disinfectants available. Minnicare Cold Sterilant is registered with the US EPA as a disinfectant and sterilant. It has also been successfully tested according to European Norms for bactericidal, mycobactericidal, virucidal and sporicidal activity.*



Procedure for use as a Germicidal Spray

1. Using water or mechanical action, remove heavy soil and gross filth from the surfaces to be disinfected.
2. Dilute Minnicare Cold Sterilant with purified water to a 1% solution (100X dilution).
3. Apply the solution using a plastic spray bottle.
4. Allow the solution to remain on the surface for 10 minutes and let air dry or rinse with purified water, drain off any excess water if possible, and then allow to air dry.

Procedure for use as a Cleaner/Sanitizer

1. Using water or mechanical action, remove heavy soil and gross filth from the surfaces to be disinfected.
2. Dilute Minnicare Cold Sterilant with purified water to a 3% solution (32X dilution).
3. Apply the solution to surfaces using an appropriate method such as wiping onto the surface with a cloth.
4. Allow the solution to remain on the surface for 10 minutes and let air dry or rinse with purified water, drain off any excess water if possible, and then allow to air dry.

*Tested for sporicidal activity according to prEN14347 and EN13704, for bactericidal activity according to EN1040 and EN1276, mycobactericidal activity by prEN14348 and fungicidal activity by EN1275 and EN1650.

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For Surface Disinfection in Pharmaceutical Cleanroom Environments

Storage and Disposal

Once diluted, the solution must be used within seven (7) days. Discard any unused diluted solution. Fresh solution should be prepared daily or more often if the solution becomes diluted or soiled. Always follow local regulations for the disposal of any unused Minnicare Cold Sterilant solution.

Cautions

1. DO NOT USE AFTER EXPIRATION DATE.
2. Do not allow Minnicare Cold Sterilant to mix with alkaline substances such as bleach (sodium hypochlorite).
3. If spilled, flush away with large quantities of water.
4. Use purified water when diluting Minnicare Cold Sterilant.
5. Minnicare Cold Sterilant is a single-use product not intended for reuse.
6. Fresh sanitizing solution should be prepared daily or more often if the solution becomes diluted or soiled.
7. Always follow the directions for use as shown on the Minnicare Cold Sterilant label.

Other Information

Other documents are available for your information. These include the “Minnicare Cold Sterilant Research Data Report” which contains information on efficacy and stability, the “Actril Cold Sterilant for Surface Disinfection” Application Note, which has information similar to that of this note for that disinfectant product and the Minnicare Cold Sterilant and Actril Cold Sterilant brochures.

Contact your Mar Cor Purification representative for these documents and other information on Mar Cor Purification products.

Minnicare Cold Sterilant is registered with the US Environmental Protection Agency (EPA Registration Number 52252-4).

Minnicare Ordering Information				
U.S. Part No.	Canadian Part No.	European Part No.	Description	Packaging
176-01-001	78399-647	n/a	Minnicare Cold Sterilant 4 x 1 quart	4 x 1 quarts
176-01-002	78399-646	n/a	Minnicare Cold Sterilant 4 US gallons	4 x 1 US gallons
176-01-003	78399-648	n/a	Minnicare Cold Sterilant 40 US gallons	40 gallons in 55 gal. drum
n/a	n/a	176-01-125	Minnicare Cold Sterilant 2 x 5 liters	2 x 5 liters
n/a	n/a	176-01-121	Minnicare Cold Sterilant 2 x 10 liters	2 x 10 liters
n/a	n/a	176-01-129	Minnicare Cold Sterilant 6 x 1 kg	6 x 1 kg
185-40-004	78338-000	185-40-004	Minnicare Residual Test Strips	100 per vial
185-40-005	78339-000	185-40-005	Minnicare 1% Test Strips	100 per vial

Minnicare® is a registered trademark of Minntech Corporation, a Cantel Medical Company



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