



AEROSPACE / INDUSTRIAL  
BIOPHARMACEUTICAL  
BIOTECHNOLOGY  
MEDICAL DEVICE  
PHARMACEUTICAL

# MINNCARE<sup>®</sup> COLD STERILANT

Germicidal spray  
Surface-object sterilizer  
Sanitizing surface cleaner

Life Sciences / Healthcare Facilities





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Surface-object sterilizer  
Sanitizing surface cleaner

# Features

- Does not produce toxic vapors of Aldehydes
- MINNCARE® Protects employees from exposure to toxic Aldehyde fumes. Despite requiring care in handling MINNCARE® concentrated in its diluted form, it is more user-friendly.
- Superior Biocidal Activity MINNCARE® is a powerful oxidant that stops the growth of organisms by oxidizing cellular proteins and enzyme systems of Microbes and effectively removes BIOFILM. Provides a 6 log bacterial population reduction at a 1% dilution within 36 minutes.
- Biodegradable MINNCARE® decomposes into oxygen, water and acetic acid, does not represent any danger for municipal water treatment plants.
- Easy to discard
- Protect your employees.
- Protects the environment.

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# Applications

Sterilization and disinfection of hard surfaces and non-porous surfaces.

Reverse Osmosis membrane sterilization and its associated distribution systems.

- PHARMACEUTICAL
- COSMETICS
- LABORATORIES
- BIOTECHNOLOGY
- WATER PLANTS
- FOOD AND BEVERAGES
- MEDICAL DEVICE



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## Product effectiveness

STERILIZING	100X Dilution, 11 Hours, 20 ° C
SPORICIDE	100X Dilution, 11 Hours, 20 ° C
BACTERICIDE	100X Dilution, 11 Hours, 20 ° C
VIRUCIDAL, HEPATITIS B, HIV-1	100X Dilution, 11 Hours, 20 ° C
FUNGICIDE	100X Dilution, 11 Hours, 20 ° C
NON-TUBERCULOSE MYCOBACTERIA <i>Chelonae abscessus</i>	100X Dilution, 10 min or 20 ° C
SANITIZING CLEANER (SURFACES WITHOUT FOOD CONTACT)	32X Dilution, 10 min or 20 ° C
SANITIZING CLEANER (SURFACES IN CONTACT WITH FOOD) STAPHYLOCOCCUS AUREUS and ESCHERICIA COLI	320X Dilution, 1 min 25 ° C
HOSPITAL DISINFECTANT (PSEUDOMONACIDA)	100X Dilution, 10 min or 20 ° C
WIDE SPECTRUM DISINFECTANT	100X Dilution, 10 min or 20 ° C
GERMICIDE DISINFECTANT SPRAY	100X Dilution, 10 min or 20 ° C
MEMBRANE SANITIZER OI	100X Dilution, 36 min or 20 ° C



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# Directions for use for sterilization

1. For use on hard, non-porous surfaces such as plastics, stainless steel objects, or glass containers and objects used in laboratories, manufacturers of pharmaceuticals, cosmetics, and medical equipment.
2. Remove any obvious residue or organic material from the surface to be sterilized. This can be accomplished by rinsing with purified water, mechanical action or by cleaning with detergent followed by a rinse with water.
3. Dilute MINNCARE® 100X (1 part MINNCARE® with 99 parts Purified Water). Do not store the diluted solution, once diluted use it immediately.
4. Immerse the object to be sterilized in a sufficient volume of the MINNCARE® solution so that the object is completely immersed and all parts of it come into contact with the solution. Hold the object like this for 11 hours at a temperature of 20 degrees centigrade.
5. Remove the object (s) and rinse with sterile water until tests with the MINNCARE® residue indicator strips show that the effluent has acceptable levels.

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# Directions for use as a cleaner and sanitizer (surfaces without contact with food)

1. For use on hard surfaces such as floors, walls, bathrooms, formica, plastic surfaces.
2. Remove any obvious residue or organic material from the surface to be cleaned or sanitized. This can be accomplished by rinsing with purified water, mechanical action or by cleaning with detergent followed by a rinse with water.
3. Dilute MINNCARE® 32X (1 part MINNCARE® with 31 parts Purified Water). Once diluted, the solution should be used within the next 7 days.
4. Apply the solution to the surfaces or immerse the objects in the solution. MINNCARE® can be

applied with wipers, sponges or mops. Allow contact with the surface for 1 minute.

5. Rinse with purified water. Remove excess water if possible and allow to air dry.

THIS PRODUCT SHOULD NOT BE USED AS A TERMINAL STERILIZER OR HIGH-LEVEL DISINFECTANT ON OBJECTS OR EQUIPMENT WHICH 1) ARE INTRODUCED IN THE HUMAN BODY OR COME IN CONTACT WITH THE BLOOD FLOW OR AREAS NORMALLY STERILE OF THE BODY OR 2) COME IN CONTACT WITH MUCOUS MEMBRANES. THIS PRODUCT MAY BE USED TO PRE-CLEAN OR DECONTAMINATE CRITICAL OR SEMI-CRITICAL MEDICAL EQUIPMENT PRIOR TO STERILIZATION.

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## Directions for use as a germicide spray

1. For use as a germicidal spray on hard surfaces such as floors, walls, bathrooms, formica, plastic surfaces.
2. Dilute MINNCARE® 100 X (1 part MINNCARE® with 99 parts Purified Water). Once diluted, the solution should be used within the next 7 days.
3. Spray the surfaces using a plastic bottle. Allow the solution to contact the surface for 10 minutes.

4. Allow to air dry or rinse with purified water. Remove excess water if possible and allow to air dry.

The MINNCARE® already used is acidic and requires normal neutralization specified by state and local regulations.

A 1% MINNCARE® solution has a pH of 3.5.

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# MINNCARE® residual test strips

Verify the complete rinse from MINNCARE® levels to a sensitivity of one part per million, represent the technology of tip on test strips. Designed by manufacturers of MINNCARE®, these strips combine the ease of use with accurate results.

Quick results, ready-to-use system, convenient, without mixing or diluting procedures simple and easy to use.

Strips packed in boxes of 100. Each strip has a "reaction" zone located at the end of the strip. When the strip is properly stored and used can indicate residual levels of MINNCARE® as low as 1 part per million (ppm). The areas of "reaction" are

to allow readings at six levels different 100, 30, 10, 3, 1 and 0 (zero) parts per million. The strips can be used until the indicated expiration date printed on the container still open. It is not necessary to separately record the opening dates of the containers.





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# Contact information

Quotes and orders from around the world

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