

MinnCare® Cold Sterilant

Protect Both You and Your System

MinnCare Cold Sterilant is a peracetic acid solution developed for use on reverse osmosis (RO) membranes and their associated distribution systems. Peracetic acid formulations were developed by Minntech Corporation in 1976 and are currently being used in a wide variety of applications. Mar Cor Purification distributes MinnCare Cold Sterilant to the Medical, Pharmaceutical and Industrial Marketplace.

Superior Biocidal Activity

Protect reverse osmosis membranes and their associated distribution systems against short- and long-term bacterial problems. MinnCare Cold Sterilant is a powerful oxidant that stops organism growth by oxidizing microbial cell proteins and enzyme systems and effectively removes biofilms.

MinnCare Cold Sterilant provides a 6 log reduction of bacteria population at a 100X dilution (1%) within a 36-minute soak time. Elimination of bacterial contamination will help improve product quality and contribute to increased RO membrane life.

MinnCare Cold Sterilant may eliminate the need for acid cleaning of fouled membranes prior to disinfection in cases where transition metals, such as iron, are not present.

Biodegradable and Ease of Disposal

MinnCare Cold Sterilant is biodegradable and will decompose into oxygen, water and acetic acid. It poses no threat to municipal waste treatment plants.* Residual test strips are available that accurately verify rinse-out levels of MinnCare Cold Sterilant as low as one part per million.



Compatible w/ Thin Film Composite Membranes

MinnCare Cold Sterilant gently and completely cleans membranes. Minntech peracetic acid formulations have been successfully used at hundreds of locations on thin film composite membranes and cellulose acetate membranes. Many of the applications have included extended soak times. MinnCare Cold Sterilant will disinfect membranes and protect against decreased flux that is commonly associated with the use of formaldehyde.

No Toxic-Aldehyde Vapors

MinnCare Cold Sterilant protects employees from exposure to toxic aldehyde vapors. Although proper care must be taken when handling concentrated MinnCare Cold Sterilant, the use-dilution form requires no exceptional handling procedures.

*Spent MinnCare Cold Sterilant is acidic and requires normal neutralization as specified by your state and local regulations. A 1% solution of MinnCare Cold Sterilant has a pH of 3.5.

Minnicare® Test Strips

Validated Peracetic Acid Test Strips

Minnicare Test Strips provide quick results with easy-to-read indicators. Use the Minnicare 1% TS Test Strips as a pass/fail measurement for adequate concentration of sterilant after dilution. Then verify residual levels after rinse-out using Minnicare Residual Test Strips.

Minnicare Peracetic Acid Test Strips represent the leading edge of test strip technology. Designed by the producers of Minnicare Cold Sterilant, these test strips combine ease-of-use with precise results.

Both the Minnicare 1% TS and the Minnicare Residual Test Strips may be used up to and including the last day of the month indicated by the expiration printed on the container even after opening. There is no need to separately record and verify container opening dates.

Minnicare® 1% Test Strips

Minnicare 1% Test Strips verify adequate concentration of a 1% Minnicare solution during sanitization of your high purity water system. These convenient dip-and-read strips can be used at any test port in your system to provide an accurate pass/fail measurement of Minnicare solution.



Minnicare® Residual Test Strips

Minnicare Residual Test Strips are easy to use and are conveniently packaged 100 test strips per container. Each strip has a “reaction zone” pad located at one end of the strip. When stored and used properly, the test strip pad can indicate residual Minnicare levels as low as 1 part per million (ppm). The reaction zones are set to provide six different reading levels at 100, 30, 10, 3, 1 and 0 (zero) parts per million.

Minnicare Ordering Information					
U.S. Part No.	Canadian Part No.	European Part No.	Asia Pacific Part No.	Description	Packaging
176-01-001	78399-647	n/a	n/a	Minnicare Cold Sterilant 4 x 1 quart	4 x 1 quarts
176-01-002	78399-646	n/a	n/a	Minnicare Cold Sterilant 4 US gallons	4 x 1 US gallons
176-01-003	78399-648	n/a	n/a	Minnicare Cold Sterilant 40 US gallons	40 gallons in 55 gal. drum
n/a	n/a	176-01-125	78397-983	Minnicare Cold Sterilant 2 x 5 liters	2 x 5 liters
n/a	n/a	176-01-121	78397-825	Minnicare Cold Sterilant 2 x 10 liters	2 x 10 liters
n/a	n/a	176-01-129	78397-229	Minnicare Cold Sterilant 6 x 1 kg	6 x 1 kg
185-40-004	78338-000	185-40-004	n/a	Minnicare Residual Test Strips	100 per vial
185-40-005	78339-000	185-40-005	n/a	Minnicare 1% Test Strips	100 per vial

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



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