Cold Sterilant and Test Strips



Minncare® Cold Sterilant Advantages:

- ✔ Does not produce toxic aldehyde vapors
- ✔ Compatible with thin film composite membranes
- ✔ Superior biocidal activity
- ✔ Easily disposable
- ✔ Biodegradable



Minncare® Validated Peracetic Acid Test Strips Offer:

- ✔ Fast test results
- ✔ Convenient ready-to-use test system
- ✔ No mixing or dilutions
- ✔ Simple, easy to use procedures

MINNTECH®
FILTRATION TECHNOLOGIES GROUP

Protect Both You and Your System

Protect Your Membranes.
Protect Your Employees.
Protect The Environment.



Minncare® Cold Sterilant is a peracetic acid solution developed for use on reverse osmosis (RO) membranes and their associated distribution systems. Peracetic acid formulations have been developed by Minntech Corporation since 1976 and are currently being used in a wide variety of applications. Minntech Corporation is a world leader in sterilants, disinfectants, and hollow fiber membrane technology.

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.

Compatible with 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, in the use-dilution form, no exceptional handling procedures are required.

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.

* 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.

Cold Sterilant and Test Strips

The Leading Edge of Test Strip Technology





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

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

Minncare® 1% Test Strips

Minncare 1% Test Strips verify adequate concentration of a 1% Minncare 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 Minncare solution.

Minncare® Residual Test Strips

Minncare 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 Minncare 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.

Both the Minncare 1% TS and the Minncare Residual Test Strips may be used up to the date of expiration printed on the container even after opening. There is no need to separately record and verify container opening dates.

To Order:

Ordering Information

Model	Description	Packaging
78325-400	1 US Gallon (3.78 liters) Minncare Cold Sterilant	4 x 1 US quarts per case
78325-150	4 US Gallons (15.12 liters) Minncare Cold Sterilant	4 x 1 US gallons packaged in 5 US quarts per case
78325-300	40 US Gallons (151.2 liters) Minncare Cold Sterilant	Packaged in a 55 US gallon drum
78338-000	Minncare Residual Test Strips	100 per vial
78339-000	Minncare 1% Test Strips	100 per vial

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