

# MINNCARE<sup>®</sup>

## Cold Sterilant



Designed to protect both you and your system.

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

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

Minnicare® 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.

Minnicare® 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.

Minnicare® 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. Minncare® Cold Sterilant may also provide bacterial protection during shipment or down times of RO membranes.

## Compatible with Thin Film Composite Membranes

Minnicare® 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

Minnicare® 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

Minnicare® 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.

## To Order:

Call: (800) 328-3370

### 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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