

NIL-8® Sanitizing Solution & Membrane Cleaner

NIL-8 is a peracetic acid-based solution intended for use in membrane-based water treatment systems and associated distribution piping, valves, & controls. It's been proven consistently effective with decades of successful application in the pharmaceutical, biotechnology, and medical industries as well as in general industry.

Cleaning of membranes and associated equipment with NIL-8 to kill microbes and remove bacterial load is proven to maintain the quality & consistency of products and process fluids, as well as maximizing membrane life. NIL-8 can eliminate the expense and time for acid cleaning of membranes where iron or manganese are not primary foulants. By degrading into only oxygen, water, and carbon dioxide, NIL-8 presents no risk to water systems or waste streams. A simple test strip allows users to verify that no residual NIL-8 is present.



Chemical Makeup

Peracetic Acid	5.6%
Hydrogen Peroxide	26.5%
Inert Ingredients	67.9%

Available Sizes

2.5 gallon carboy
5 gallon carboy
14/28/53 gallon drum

Quantity of NIL-8 Needed Based on System Size

System Volume	By Weight	By Volume
50 gallon	3.84 lb	0.43 gal
100 gallon	7.68 lb	0.85 gal
250 gallon	18.77 lb	2.13 gal
500 gallon	28.2 lb	4.27 gal
750 gallon	37.53 lb	6.4 gal
1,000 gallon	75.06 lb	8.53 gal
Liters		
200 liters	1.75 kg	1.61 lit
400 liters	3.5 kg	3.22 lit
1,000 liters	8.75 kg	8.05 lit
2,000 liters	17.5 kg	16.1 lit
3,000 liters	26.25 kg	24.15 lit
4,000 liters	35 kg	32.2 lit

Contact Time

A 0.85% solution of NIL-8 sanitizing solution provides 99.9999% reduction (6-log) of bacteria in a typical application with a 36-minute contact time.

Typical Applications

- High-purity Water System Sanitization
- NF, UF & RO Membrane CIP
- Microbial (Slime) Control in Cooling Towers or Condensers
- Agricultural (Fruits, Vegetables, & Livestock) Water System Cleaning

Product Safety

This product is considered hazardous and must be handled with caution. Take proper precautionary measures to ensure product does not come into contact with eyes, skin or clothing. Refer to product label or SDS for full list of precautionary statements, first aid, and storage & disposal instructions.

Ordering Information

NIL-8 Sanitizing Compound Product Number	Description
NIL8-1-2.5GAL	2.5 gallon carboy
NIL8-1-5GAL	5 gallon carboy
NIL8-D-14GAL	14 gallon drum
NIL8-D-28GAL	28 gallon drum
NIL8-D-53GAL	53.5 gallon drum

NIL-8 Test Strip Product Number	Description
NIL8-TS-H	High Concentration PAA Test Strips; (50) per tube
NIL8-TS-L	Low Concentration H ₂ O ₂ Test Strips; (50) per tube

DISCLAIMER: Filtration data presented is representative of performance observed in controlled laboratory testing. It is not given as a warranty, specification or statement of fitness for use. Specific performance can vary widely depending on contaminant type, fluid properties, flow rates and environmental conditions. It is recommended that users conduct thorough qualification testing to assure the product functions as required. For additional technical support, a product Performance Guide is available upon request.

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