# Memstor™

*Membrane Storage Agent*

INHIBITS Biogrowth

**Memstor™** safely and effectively prevents microbiological growth within membrane elements and systems during long and short-term storage. It eliminates the need for formaldehyde, sodium metabisulfite, and other chemicals that are either hazardous or unstable. Memstor™ is effective long-term and is compatible with all membrane types, rinsing easily from membranes. A conductivity meter can conveniently monitor the completeness of rinsing when compared to to the background conductivity of the rinse water. Memstor™ is packaged as a dry, stable, nonreactive powder for ease of transportation and storage.

## Features

- Formulated specifically to prevent microbiological growth within membrane elements and systems during storage.
- Eliminates the need for formaldehyde, sodium metabisulfite and other chemicals that are either hazardous or unstable.
- Compatible with RO, NF, and UF membranes from all major manufacturers.
- Non-toxic and environmentally friendly.
- Powder formulation for ease of transportation and storage.
- Certified under NSF/ANSI Standard 60 for drinking water production.

### Dilution Ratio

Mix at a ratio of one pound Memstor™ to 6 gallons of DI or permeate water.

### Specs

Appearance:
White Powder

Product pH (1%):
4.3 ± 2.0

## Application

**On-line Storage** 1. Clean membranes prior to storage. 2. Recirculate storage solution at low pressure (<60 psig) through the membranes for a minimum of 15 min. 3. After recirculation, shut down the system. Ensure storage solution does not drain out of membranes. 4. After storage, rinse membranes with DI or permeate water for 30 minutes before system start-up.
**Container Storage** 1. Clean membranes with King Lee cleaners. 2. Place membranes in storage container filled with Memstor™ solution. 3. After storage, place membranes in system and rinse with DI or permeate water until conductivity is equal pre- and post-membrane.

## Packaging

2 lbs (1.8 kg), 25 lbs (11.3 kg), 45 lbs (20.4 kg)

King Lee Technologies

NSF/ANSI 60

SDS available at kingleetech.com

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