Memstor™

Membrane Storage Agent

Memstor™ safely prevents microbiological growth within membrane elements and in membrane systems during long and short-term storage.

Product	Ideal For	Membrane	Mixing Ratio	pH
MEMSTOR™	Microbiological growth within membrane elements and systems during storage.	Thin film composite, cellulose acetate, ultrafiltration.	1 pound to 6 gallons of DI or permeate water.	Med./ Low

Memstor™

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 does not create environmental or health risks. Memstor™ is compatible with all membrane types and rinses easily from membranes. A conductivity meter can conveniently monitor the completeness of rinsing to the background conductivity of the rinse water. Memstor™ is packaged as a dry, stable, nonreactive powder for ease of transportation and storage.

Packaging:

Powder: 25 lbs, 45 lbs

STORAGE INSTRUCTIONS

On-line Storage

1. Clean the membrane with King Lee cleaners prior to storage.
2. Mix at a ratio of one pound Memstor™ to 6 gallons of DI or permeate water.
3. Recirculate storage solution at low pressure (<60 psig) through the membranes for a minimum of 15 minutes.
4. After re-circulation, shut the system down. Ensure storage solution does not drain out of membranes.
5. 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. Mix at a ratio of one pound Memstor™ to 6 gallons of DI or permeate water. Place membranes in storage container filled with Memstor™ solution.
3. After storage, place membranes in system and rinse with DI or permeate water for 30 minutes prior to system start-up.

**SDS available upon request at klt@kingleetech.com*

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