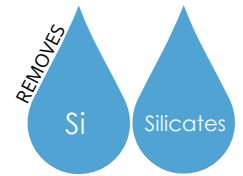


## KL™ Silica

Membrane Cleaner



**KL™ Silica** is a targeted powder cleaner that quickly and easily mixes with water to make an easy to use cleaning solution that is specifically formulated for removing aluminum, iron, and other metal silicates, including reactive and colloidal foulants and coagulated polymers. Compatible with thin film composite, cellulose acetate, and polysulfone membranes. Use alongside our Pretreat Plus® line of antiscalants for comprehensive membrane protection.

### Features

- Targeted performance silica cleaner.
- Specifically formulated for removing aluminum, iron, and other metal silicates.
- Removes reactive and colloidal silicate foulants and coagulated polymers.
- Powder formulation makes shipping and handling more efficient.
- Compatible with RO, NF, and UF membranes from all major manufacturers.
- Certified under NSF/ANSI Standard 60 for drinking water production.



#### Dilution Ratio

Prepare each cleaning solution using a ratio of 1 lb of cleaning powder to 10 gallons of permeate or DI water. If the system is not drained before cleaning, assume that approximately 4 gallons of water is present in each 8"x40" membrane element and 1 gallon of water is present in each 4"x40" membrane element after a thorough system flush.



#### Specs

Appearance:  
Colorless to Tan  
Crystals

Product pH (1%):  
4.1 ± 1.1

### Application

Clean in the following order or as recommended by a KLT team member: KL™ LpH, KL™ Silica, KL™ HpH. Clean when the train's normalized productivity has decreased 15% from clean operation. Soak and circulation times will vary based on membrane condition. Monitor and maintain recommended pH throughout cleaning by adding neat chemical, if necessary. Document each step with results to empirically fine-tune your procedure.



### Packaging

2 lb (0.9 kg), 4 lb (1.8kg),  
25 lb (11.3 kg), 45 lbs (20.4 kg)

