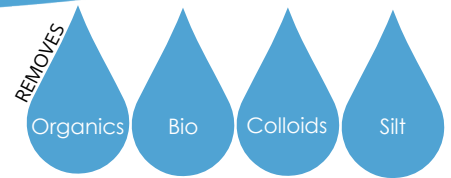


## KL™ HpH Membrane Cleaner



**KL™ HpH** is a heavy-duty action high pH powder cleaner that quickly and easily mixes with water to make an easy to use cleaning solution that effectively removes a wide range of organic particulates such as silt, colloids, organics, biogrowth, and other acid-insoluble foulants from reverse osmosis (RO), nanofiltration (NF), and ultrafiltration (UF) membrane elements. Use alongside KL™ LpH for a comprehensive cleaning. If a more aggressive high pH cleaner is needed, try Diamite™ HpH Plus.

### Features

- Removes organics and particulates.
- Heavy-duty action broad spectrum cleaning.
- Effectively removes silt, colloids, organics, biogrowth, and other alkali soluble foulants.
- Powder formulation for efficient shipping and handling.
- 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:	Product pH (1%):
Colorless to Tan Powder	11.2 ± 1.5

### Application

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)

