KL[™] LpH Membrane Cleaner

KL[™] LpH is a heavy duty action low pH powder cleaner that guickly and easily mixes with water to make an easy-to-use cleaning solution that effectively removes a wide range of inorganic scale such as metal hydroxides, carbonates, phosphates and inorganic membrane foulants from reverse osmosis (RO), nanofiltration (NF), and ultafiltration (UF) membrane elements. Use alongside KL[™] HpH for a comprehensive cleaning. If a more aggressive low pH cleaner is needed, try Diamite[™] LpH Plus.

Features Dilution Ratio Removes scale due to hardness. Prepare each cleaning solution using a ratio of 1 lb of cleaning powder to 10 gallons of permeate or DI Heavy duty action broad spectrum cleaning. 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 Ideal for the removal of acid-soluble scale gallon of water is present in each 4"x40" membrane including iron, calcium carbonate and metal element after a throrough system flush. oxides. Powder formulation for efficient shipping and handling. Compatible with RO, NF, and UF Specs membranes from all major manufacturers. Product pH (1%): Appearance: Certified under NSF/ANSI Standard 60 for **Colorless Crystals** 2.0 ± 1.2 drinking water production.

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)



SDS available at kingleetech.com