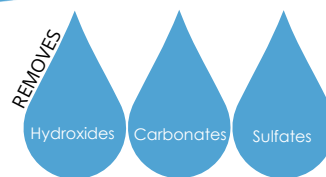


## Diamite™ LpH Plus

Membrane Cleaner



**Diamite™ LpH Plus** is a performance low pH liquid cleaner that quickly and easily mixes with water to make an easy to use cleaning solution that effectively removes highly scaled membranes, specifically formulated for carbonate scale. It also removes a wide range of inorganic scale such as metal hydroxides, carbonates, fluorides, phosphates, and inorganic membrane foulants from reverse osmosis (RO), nanofiltration (NF), and ultrafiltration (UF) membrane elements. Use alongside Diamite™ HpH for a comprehensive cleaning.

### Features

- Aggressive broad spectrum performance cleaner.
- Specifically formulated for hard to remove carbonate scale.
- Ideal for the removal of acid soluble scale including iron, calcium carbonate and metal oxides.
- Liquid formulation for ease and safety of mixing.
- Compatible with RO, NF, and UF membranes from all major manufacturers.
- Certified under NSF/ANSI Standard 60 for drinking water production.



#### Dilution Ratio

Perform a thorough low-pressure system flush. Prepare each cleaning solution as a 1:40 mixing ratio of neat cleaner to final prepared cleaning solution by filling the CIP tank with the appropriate volume of permeate or DI water, then adding chemical while mixing or circulating in the tank. If the system is undrained post-flush, assume approximately 4 gal of water remains in each 8"x40" membrane element (1 gal per each 4"x40"). Rinse completely after each cleaner.



#### Specs

Appearance:  
Clear Light  
Yellow Liquid

Product pH (1%):  
≤2.5

### Application

Clean each RO train when its normalized productivity has decreased by 15% from clean operation. Soak and circulation times will vary based on the condition of the membranes. Monitoring pH during cleaning and documenting results for each step will help empirically fine-tune your procedure.



### Packaging

5 gal (20 kg), 55 gal (220 kg)

