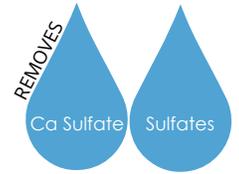


## Diamite™ Gypsum

Membrane Cleaner



**Diamite™ Gypsum** is an aqueous formulation of chelating agents specifically designed to dissolve calcium sulfate scales (gypsum as dihydrate, anhydrite as anhydrous and hemi-hydrate forms) that are commonly found in aqueous systems, such as reverse osmosis, nano filtration, cooling, ion exchange, boiler and distribution systems. It is also effective in dissolving strontium sulfate scales. Barium sulfate crystals embedded in a calcium or strontium sulfate matrix will become dislodged and suspended. On an equal weight basis, the active ingredients in Diamite™ Gypsum will dissolve several times more scale more rapidly than the most commonly used chelating and solubilizing agents.

### Features

- Gypsum targeted cleaner.
- Specifically formulated for gypsum-fouled membranes.
- Dissolves several times more scale more rapidly than the most commonly used chelating and solubilizing agents.
- 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 to Turbid,  
Colorless to Light  
Yellow Liquid

Product pH (1%):  
10.4 ± 1.0

### 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

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

