

AWC[®] C-226

Reverse Osmosis Membrane Cleaning Compound

ADVANTAGES

- High strength powder formulation specifically designed for use as a high pH cleaner of polyamide thin film composite membrane surfaces
- Effectively penetrates and lifts biofilms and removes oils, greases and other hydrocarbons from the membrane surface
- Disperses inorganic particulates such as silt, clay and metal oxides
- Helps remove silica fouling
- Chelates non-carbonate scales such as calcium fluoride, calcium sulfate, barium sulfate and strontium sulfate
- Compatible with all Thin Film Composite R.O. membranes from all major membrane suppliers
- Certified by NSF to NSF/ANSI Standard 60

TYPICAL PROPERTIES

Appearance	White to tan granular powder
Odor	Slight characteristic
Solubility in water	Soluble
pH (1% solution)	12.0 ± 0.5

PACKAGING

45 lb. pails and 400 lb. non-returnable plastic drums

SAFETY & HANDLING

Store in cool, dry and well ventilated area. Keep containers closed. Wash contaminated clothes before re-use. Wash thoroughly after handling. For more information, see the Safety Data Sheet provided with this product.

CHEMICAL FEEDING AND CONTROL

The cleaning solution should be prepared using potable water that is free of residual chlorine or other oxidizing agents. The solution should consist of 9- 18 lbs of AWC C-226 for every 100 gallons of water (1–2 % by wt. solution), depending on severity of fouling. The cleaning solution is then circulated throughout the system without exceeding pressures, temperatures and flow rates recommended by the membrane manufacturer. Cleaning efficacy can be further improved by heating the cleaning solution and alternately circulating the solution for 60 minutes and then soaking the membranes for 60 minutes. This should be repeated as many times as necessary. AWC C-226 should be added as necessary to the cleaning solution to maintain the pH range of 11.5–12.5 throughout the entire cleaning process. Depending on severity of fouling, your AWC representative will recommend optimal cleaning times.

