

AWC[®] C-236

Reverse Osmosis Membrane Cleaning Compound

ADVANTAGES

- Concentrated liquid formulation designed for use as a high pH silica cleaner on polyamide thin film composite membrane surfaces
- Does not contain any anionic or cationic surfactants
- Dissolves polymerized silica scaling as well as colloidal silica fouling
- Removes greases, oils, inorganics and biofilms
- Chelates metal hydroxide deposits and some sulfate scales
- Does not contain any hydrofluoric acid or ammonium bifluoride
- Compatible with all Thin Film Composite R.O. membranes from all major membrane suppliers
- Certified by NSF to NSF/ANSI/CAN Standard 60

TYPICAL PROPERTIES

Appearance	Dark brown liquid
Odor	Slight characteristic odor
Solubility in water	Complete

PACKAGING

5 gallon pails, 55 gallon non-returnable plastic drums and 275 gallon totes

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 RO permeate or softened water that is free of residual chlorine or other oxidizing agents. The solution is prepared by adding 18 lbs of AWC C-236 for every 100 gallons of water (2 % by wt. Solution). 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 30- 60 minutes for a total cleaning time of 4-6 hours. AWC C-236 should be added as necessary to the cleaning solution to maintain the pH range throughout the entire cleaning process. Depending on severity of fouling, your AWC representative will recommend optimal cleaning times.

