

Product Information Sheet

ADVANTAGES

- High strength powder formulation specifically designed for removal of heavy organic fouling from membrane surfaces
- Penetrates and disperses biological slime
- Disperses inorganic particulates such as silt, silica, clay and other colloidal particles
- Removes polymers, emulsified oils, dyes and organic colors from the membrane surface
- Buffered to maintain pH range even when product is accidentally overdosed
- 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 crystalline powder
Odor	Slight Characteristic
Solubility	343 g/L @ 24 °C (75 °F)
pH (2% solution)	11.2 ± 0.4

PACKAGING

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

AWC® C-227

Reverse Osmosis Membrane Cleaning Compound

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-227 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 flow rates and pressures recommended by the manufacturer.

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