

AWC[®] UF-412CEB

High pH CEB Chemical for MF/ UF Backwash Water
Containing dissolved Fe/ Mn

ADVANTAGES

- Non-foaming liquid formulation for high pH Chemically Enhanced Backwash (CEB) of ultrafiltration and microfiltration membranes
- Designed to inhibit metal oxide precipitation when MF/UF filtrate used for CEB contains high levels of dissolved manganese and/or iron
- Works to reduce biofilm and organic foulant buildup between CIP's
- Buffered so as not to exceed a pH of 12
- Compatible with all MF/UF modules that can tolerate pH 12
- Certified by NSF to NSF/ANSI Standard 60 for use in potable systems

TYPICAL PROPERTIES

Appearance	Clear, colorless to light yellow liquid
Odor	Slight characteristic odor
Solubility in water	Complete

PACKAGING

5 gallon pails, 55 gallon non-returnable plastic drums, 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

Always use MF/UF filtrate or RO permeate for CEB. Inject AWC UF-412CEB at a rate of 0.5% (w/w) into the backwash water flow during the CEB cycle. The CEB solution is typically allowed to soak for 5 – 30 minutes, with optional intermittent agitation (air sparging/circulation) for short periods (5 – 10 seconds) every 5 minutes. Warming the solution to 35°C will enhance the efficacy of foulant removal during CEB. The membranes are then flushed with MF/UF filtrate prior to returning to normal filtration mode.

