

# Flocon<sup>®</sup> MC25

www.wateradditives.com



## Liquid Acid Cleaner for Reverse Osmosis Systems

### Description

Flocon MC25 is a liquid acid pH cleaner specifically formulated to dissolve and remove inorganic scales from polyamide, polysulfone, and thin film composite membrane surfaces. These scales include, but are not limited to carbonates, iron, and manganese fouling/deposits.

This advanced, high strength cleaner has the following features:

- Formulated with high performance polymers.
- Liquid formulation for easy handling and diluting
- Highly effective at ambient or elevated temperatures
- Compatible with all membranes except cellulose acetate
- Easy to rinse away and restart system
- pH adjusted to 2±0.5

### Usage

1. Inspect cleaning tank, hoses, and cartridge filters, and drain the reverse osmosis as much as possible.
2. Fill cleaning tank with demineralised or permeate water. Add 5 gal (19 litres) for every 4" element, 20 gal (76 litres) for each 8" element
3. Recirculate cleaning tank and slowly add 1gallon Flocon MC25 for every 60 gallons of water (or 1litre/60litres)
4. To improve cleaning effectiveness heat cleaning solution (do not to exceed 110°F (43°C))
5. Open concentrate valve, and circulate the solution through the membrane bank in the feed direction at the flow rate recommended by the membrane or system manufacturer. If the manufacturer's recommendations are not available, the guidelines in the table below may be used.

6. Circulate the solution for 60 minutes
7. Soak for an additional 60 minutes
8. If the cleaning solution becomes turbid or discoloured, the solution should be discarded and a fresh solution should then be prepared before cleaning additional passes.
9. Discharge solution to drain and rinse the RO system
10. Return concentrate valve to operating position, and operate RO system to drain until permeate solution quality returns.

\*Please consult with your BWA Water Additives representative to determine optimal dosage recommendations for your system.

Membrane diameter (inches)	Flow rate per tube (parallel flow)	
	US gallons/min	l/min
4	6	23
6	14	53
8	24	91
10	30	114
12	54	204

### Packaging / Weight

Pail	55 lb	20 kg
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\*Consult your sales representative for availability.

### Physical Properties

appearance	Clear to pale amber liquid
odour	Slight
pH (1% solution)	<2
Specific Gravity	1.1

Further details are available in the safety data sheet

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