

Flocon[®] 135

www.wateradditives.com



Antiscalant for Reverse Osmosis System

Description

Flocon 135 is an aqueous solution of a specialised phosphinocarboxylic acid, highly effective in controlling the deposition of inorganic scale forming salts on membrane surfaces.

- Excellent control of carbonate and sulphate scales for cost effective operation
- Compatible with all major membranes
- International potable water approvals
- Dispersant
- Iron tolerant

Application

Flocon 135 is an aqueous solution of an organic acid and as such is corrosive in its concentrated form. Corrosion resistant dosing equipment should therefore be used. Examples of suitable materials are 316L stainless steel, or plastics such as GRP, PVC and PE.

Usage

Flocon 135 is miscible with water in all proportions. It may be applied as the neat product, or as a solution in permeate. Minimum dosing solution strength of 10% w/w is recommended. Flocon 135 should be dosed continuously and proportionately to the feed water flow, to maintain the recommended dose level.

The dose level required is dependent on the quality of the feedwater and the saturation indices of the various scale forming species present in the concentrated brine. Proprietary computer software is used to calculate scaling indices and calculate optimum system recovery. Dose level projections and recommendations are available on request.

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

Packaging / Weight

| | | |
|------------|---------|---------|
| Pail | 55 lb | 25 kg |
| Drum | 475 lb | 230 kg |
| IBCs/Totes | 2204 lb | 1000 kg |

*Consult your sales representative for availability.

Physical Properties

| | |
|-----------------------------|--------------------|
| Appearance | Pale yellow liquid |
| pH | 3.5 to 4.5 |
| Specific gravity at 20/20°C | 1.13 to 1.18 |
| Freezing point range | 0 to -3 °C |

Further details are available in the safety data sheet

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