

Product Information

Flocon® Plus N - Antiscalant for Reverse Osmosis Systems

Product Description

Flocon Plus N antiscalant is a high performance liquid product, highly effective in controlling the deposition of inorganic scale forming salts on seawater membrane units (SWRO).

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

Typical Properties

The following are typical properties for Flocon Plus N and should not be regarded as specification limits for the product. A product specification is available on request.

Appearance	Clear amber liquid
pH	8.0 to 8.5
Specific gravity at 20/20°C	1.10 to 1.15
Freezing point range	0 to -5 °C

Chemical Reactivity

Flocon Plus N is not affected by chlorine or other oxidising biocides under normal conditions of use. Flocon Plus may be used in membrane systems using chlorine and sodium metabisulphite.

Application and Dose Level

Flocon Plus N is a neutralized aqueous solution of an organic acid. There are no special requirements regarding materials of construction of dosing system

The recommended injection point is into the feedwater downstream of any filtration equipment and cartridge filters.

Flocon Plus N is miscible with water in all proportions. It may be applied as the neat product, or as a solution in permeate. A minimum dosing solution strength of 10% w/w is recommended. Flocon Plus N 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.

Handling

Flocon Plus N is certified to ANSI / NSF Standard 60 for use in reverse osmosis systems producing potable water.

Please read the label and Material Safety Data Sheet before handling this product.

Logistics

Classification non-hazardous for transportation, non-hazardous for supply

Packaging 25 kg (net weight) Plastic drums
230 kg (net weight) Plastic drums