

Antiscalant for Reverse Osmosis System

Description

Flocon® 230 is BWA's RO antiscalant developed and targeted at more challenging Brackish RO feedwater.

Flocon® 230 is highly effective in controlling the deposition of inorganic scale forming salts and particulate fouling on membrane surfaces, providing a cost effective and better performing product compare to phosphonate based antiscalants.

Benefit

Flocon® 230 is a high performance antiscalant ideal for use in reverse osmosis systems, offering several beneficial features:

- Excellent scale inhibition of carbonate, sulfate and fluoride scales
- Excellent dispersancy performance against iron, silica, organics, silt & clay
- Cost effective and superior all round performance profile against phosphonate based antiscalants
- Low Phosphorus content - 5ppb @3ppm dosage
- Neutralized for ease of handling and transportation
- NSF/ANSI Standard 60 certified

Usage

Flocon® 230 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® 230 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 scales forming species present in the concentrated brine. BWA's Flodose® 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.**

Physical Properties

Appearance	Clear, pale yellow liquid
pH	8.0 – 9.0
Specific gravity	1.116 to 1.126 at 20/20°C
Freezing point	0 to -10°C range

Further details are available in the safety data sheet.

Packaging/ Weight

Pail	55 lb	25 kg
Drum	500 lb	230 kg

*Consult your sales representative for availability



LENNTECH

info@lenntech.com Tel. +31-152-610-900

www.lenntech.com Fax. +31-152-616-289

Patents:

BWA Water Additives (BWA) owns or is the licensee of patents and patent applications, which may cover the products and/or uses described in this case study. The following are registered trademarks of BWA Bellacide, Drop and Swirl logo. ® Registered US Patent and Trademark Office. © 2016 BWA, All rights reserved.

The information contained in this case study is based on data available to BWA Water Additives and is thought to be correct. Since BWA has no control over the use of this information by others, BWA does not guarantee the same results described herein will be obtained, and makes no warranty of merchantability or fitness for a particular purpose or any express or implied warranty. This information is intended for use by technically trained personnel at their discretion and risk.

BWA Water Additives UK Limited is a private limited company registered in England and Wales at 2 Brightgate Way, Manchester M32 0TB, Registered No.5657343.