

## 6 RO ANTISCALENT & ANTIFOULANT

## BWRAA-107

### BASIC CHARACTERISTICS

- Highly effective antiscalant & antifoulant across a broad spectrum of water used in membrane separation systems.
- Minimizes scaling and reduces the frequency of cleaning.
- Will reduce, usually replace the acid addition
- Works at low dose rate leading cost effective operation.
- Compatible with all membrane types
- Effective Iron, Silica and Fluoride sequestrant
- Stable and effective compared to sodium hexameta-phosphate (SHMP)
- Enables systems to work at enhanced rates of recovery.
- Major ingredients used are biodegradable so environmentally safe product

### APPLICATION

- For Effective control of scaling and fouling in RO/NF Membrane Systems.
- Membrane systems used in pharma and food & beverage industry.
- Effective up to 350 mg/l of Silica and 1.5 mg/l Fluoride in reject water.
- Effective Calcium Sulphate dispersant works whenever H<sub>2</sub>SO<sub>4</sub> is used in pre-treatment

### SPECIFICATIONS

Appearance	Amber to colorless liquid
pH	10-12
Specific Gravity @ 25°C	1.20 – 1.3
Solubility	Soluble in water in all proportions

### DOSAGE

**BWRAA-107** Typically, a dose of 2 to 5 ppm Feed water quantity, however exact dosage will vary depending on the characteristics feed water quality and operating conditions. It is suggested to run BWRAA-107 dosage selection software on regular basis for optimized dosage of chemicals.

### FEEDING

Suggested to be dosed as neat product or diluted with permeate water based on the feed water quantity continuous basis using metering dosing pump

### MATERIALS COMPATIBILITY

**BWRAA-107** is compatible with vinyl, polyethylene, PVC, Hypalon, Viton, Teflon, polypropylene, HDCL and BPDM, Brass, steel, 304 stainless steel, 316 stainless steel, neoprene, Buna-N and polyurethane.

### MATERIALS TO AVOID

Neat BWRAA-107 form should not be allowed to come into contact with metals, organic materials or strong oxidizing agents.

### STORAGE AND HANDLING

**BWRAA-107** is recommended in-plant storage to be in cold and shaded place for twelve months- 12 months. Material Safety Data Sheet will give complete handling information before using this product. If grossly overfed, this product is toxic to fish. Do not discharge into lakes, streams, waterways, ponds or public waters unless in accordance with a Pollution board permit. Always follow the label and MSDS when handling.

### PACKING

**BWRAA-107** is available in 35 & 20 Kg HDPE Carboys.

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