



# ANGLO GULF LIMITED

انجلو الخليج المحدود

## TECHNICAL DATA SHEET

AQUA AG-811  
RO ANTISCALANT

### Product description

Aqua AG-811 is an effective liquid antiscalant specially designed to inhibit scale in cellulose acetate and thin film membrane separation systems. It is designed for use in waters that do not have a high potential for colloid and silt fouling of membrane surfaces (i.e. groundwater applications).

### Performance

Aqua AG-810 antiscalant offers a variety of performance and application benefits:

|   |   |  |
|---|---|--|
| Calcium Carbonate (CaCO <sub>3</sub> )  | - | Langelier Saturation Index (LSI) > 2.3 |
| Barium Sulphate (BaSO <sub>4</sub> )    | - | 40 times Saturation                    |
| Calcium Sulphate (CaSO <sub>4</sub> )   | - | 2 times Saturation                     |
| Strontium Sulphate (SrSO <sub>4</sub> ) | - | 10 times Saturation                    |
| Calcium Fluoride (CaF)                  | - | 500 times Saturation                   |

### Benefits

- Compatible with all membrane types
- Effective over a wide pH range
- Crystal modification distorts inorganic salt crystal growth and reduces system fouling
- Achieving threshold scale inhibition at low dose rates offers excellent economical running costs

### Properties

|                         |                             |
|-------------------------|-----------------------------|
| Appearance              | : Clear light yellow Liquid |
| pH                      | : 9.0-10.0                  |
| Specific Gravity @ 25°C | : 1.3 ± 0.05                |

### Dosing:

Establishing the most efficient dose rate is dependent on a number of factors, including feed water quality, system operating recovery and membrane chemistry. Typical application

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rates range between 1-4 ppm. For accurate dosing recommendation contact your Anglo gulf Limited technical representatives.

**Dilution:**

The maximum dilution for Aqua AG-811 should not exceed 10%.

**Packaging:**

Aqua AG-811 is available in 30liter and 200liter HDPE drums