



ANGLO GULF LIMITED

انجلو الخليج المحدود

TECHNICAL DATA SHEET

AQUA AG-810

RO ANTISCALANT

Introduction

Aqua AG-810 is based upon organophosphonate treatment designed to inhibit inorganic scale formation and also stop crystal growth of calcium sulfate scale.

Scaling elements like calcium carbonate, calcium sulphate, barium sulphate, strontium sulphate, silica, iron and alumina reduces the filterability of RO system & hinders the water flow.

Aqua AG-810 is a highly effective threshold agent, which inhibits the precipitation of calcium carbonate, calcium sulphate, and barium sulphate by increasing their solubility. It is also an effective iron sequestrant and reduces iron fouling.

Advantages

- Aqua AG-810 effectively controls calcium carbonate scale formation up to an LSI of +2.3
- Aqua AG-810 effectively inhibits calcium fluoride, barium sulfate and strontium sulfate.
- Minimizes the fouling by sequestering iron
- Low dosage is enough
- Better result better efficiency.
- Lowers the acid addition.

Specification

Appearance	:	colorless –pale yellow liquid
pH	:	4.5±0.5
Specific gravity	:	1.2±0.05
Solubility in water	:	Soluble.

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Dosing

Typical dosage of Aqua AG-810 for controlling scale formation and minimizing fouling in R.O system ranges from 4 to 10 ppm. For dosage projection consult Anglo Gulf Limited's technical service personnel to determine the proper dosage. A complete water analysis is required and filter analysis is recommended as a basis for accurate dosage projection.

Handling

Store in cool, dry, ventilated storage area with acid resistant floors and good drainage, protected from physical damage. Keep out of direct sunlight and from frost and away from heat and strong oxidizing agents and strong acid.

Packing

Aqua AG-810 is available in 30litre & 200litre HDPE drums and 1000liter IBCs