SEQUESTON RO 1000

GENERAL DESCRIPTION

SEQUESTON RO 1000 is a highly effective scale inhibitor. It is formulated together with phosphonate salts. It is mainly used for reverse osmosis (RO), nanofiltration (NF) and ultrafiltration (UF) system. It can inhibit scale formation on the membrane surface, improve quality of water and reduce the operating costs for filtration system.

Product Benefits:

1. Effectively uses in pH 5-10 and can be used over a wide range of concentration.
2. Good solubility and stability.
3. Inhibit inorganic scale formation; the largest LSI value is 2.8 when there is no acid adding.
4. Effective in controlling of calcium carbonate, calcium sulphate, aluminium, iron and heavy metal salts. The maximum forbearing of iron concentration in inlet water supply is 8.0ppm.
5. Good in retarding polymerization and precipitation of silica; it does not flocculate dissolved iron/aluminium oxides or silica complexes.

SPECIFICATIONS

Specification	Standard Grade	Concentrated Grade
Appearance	Clear liquid	Clear liquid
pH, (1% water solution)	2.0±0.6	2.0±0.6
Density at 20°C, g/cm3	1.08±0.06	1.45±0.06

Remarks:

- Orthophosphate will be decomposed under high temperature.
- The concentrated grade of SEQUESTON RO 1000 is 8 times of concentration of standard grade. It cannot be used directly into membrane system, if not it will harm to RO membrane.

APPLICATIONS

The optimal chemical dosage for standard grade of SEQUESTON RO 1000 is 3ppm. For concentrated grade, it must be diluted to 0.375 ppm before adding into membrane system. The concentrated grade of product is specially formulated to minimize transportation costs and reduce storage spaces.

PACKING

250kg per drum

TRANSPORT INFORMATION

UN No. 3265, Class 3, PG III

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