

AquaSol 8200 RO Scale Inhibitor- Concentrate

Product
Information

Suitable for underground, surface and reclaimed water with normal to high hardness

General Information :

AquaSol 8200 is a phosphorus-free, environment-friendly biodegradable polymer scale inhibitor/dispersant. AquaSol 8200 has excellent water compatibility compared with traditional phosphorus-free scale inhibitor. It is suitable for surface water, groundwater and reclaimed water membrane system with medium to high hardness. Even in the harsh water condition, it can also ensure stable operation of membrane system, prolong the cleaning cycle, and increase service life of equipment.

AquaSol 8200 is suitable for scaling control and crystallization suppression under harsh water conditions. In addition to control all kinds of inorganic scale, metal scale and colloids, it also has a good inhibition effect on silicon scale and can effectively prevent the deposition of inorganic salts on the membranes. AquaSol 8200 can be used in a broad pH and temperature range. AquaSol 8200 has a better tolerance for Ca, Mg, Fe, SiO₂, Ba, Sr, compare with other phosphorus-free scale inhibitors. AquaSol 8200 is compatible with PAC/PFS cationic flocculant, with excellent scale resistance performance.

Product Characteristics :

- Effectively control inorganic scaling in wide concentration range, and the maximum LSI is 3.0 (in concentrated water)
- Do not react with iron & aluminum oxides and silica compounds
- Effective to control iron and manganese ions
- Effectively inhibit silicon polymerization and deposition, up to 220 mg/l SiO₂ in concentrated water.
- Can be used for RO/NF system.
- Excellent solubility and chemical stability
- Feed water pH valid within 6~12
- Excellent dispersion on calcium carbonate and calcium sulfate scale
- Avoid microbial contamination in membrane system and sewage discharge issues caused by phosphorus and nitrogen
- High dosage of the product within a reasonable range will not pollute the membrane, and no negative impact on the membrane system

Specification :

Appearance	Colorless to amber transparent liquid
Ion	Anionic
pH, (25°C)	1.0 - 3.0
Density, (25°C)	1.15 - 1.30 g/cm ³

Usage :

AquaSol 8200 is a high-performance concentrate liquid product, The dosage is depend on different water & system conditions. Normally the dosage is usually around 2~5ppm by standard solution . Before using the product, it is recommended to consult us to calculate a precise dosage to ensure optimal result and economical cost

Package and Storage :

200L plastic drum, IBC(1000L), or Customized package. Shelf life is twelve months under normal handling and storage conditions.