

IMPRO™ LA8609

High concentration high-performance liquid scale inhibitor/stabilizer

DESCRIPTIONS

High concentration phosphorus free liquid scale inhibitor/stabilizer, high-performance control of scaling in reverse osmosis and nanofiltration systems.

FEATURES

- Effectively control calcium carbonate scaling, with an LSI value of +3.0 without causing scaling; Effectively controlling inorganic salt scaling and specifically targeting SiO₂ in concentrated water (Reject) up to 260ppm without causing scaling;
- Designed for surface water and groundwater, it has a good scaling inhibition effect on inorganic substances such as carbonates, sulfates, and phosphates contained in water;
- Effectively control the scaling of metal ion components such as aluminum and iron;
- Compatible with organic polymer cationic flocculants such as LF120, it can also be used in RO systems where wastewater is used as a water source.

PARAMETERS

Appearance: Colorless to light yellow liquid

Odor: Neutral

Density (g/cm³, 20°C): 1.30~1.50

pH (1%, w/w): ≤2.00

Solubility (68°F/20°C): Completely soluble in water

INSTRUCTIONS

LA8609 is a highly concentrated liquid scale inhibitor. When the system adopts the optimal dosing method and uses LA8609 as a preventive pre-treatment, it can effectively reduce routine cleaning of the system. LA8609 can be directly added without precipitation, crystallization, or similar contamination of the membrane surface even at high concentrations.

USAGE

The conventional dosage is 0.25ppm~0.8ppm, and the specific dosage should be determined based on the specific system. It will vary due to many factors, such as pH value, temperature, the presence of other metal ions such as iron and aluminum. It can be directly added or diluted before addition, and it is recommended to have a release rate of less than 5 times.

If users need guidance or instructions on adding additional dosage, please contact the manufacturer. For information on the initial use and safety precautions of this product, please refer to the Material Safety Form (MSDS) or product label provided by the manufacturer.

PACKAGING

The packaging form of LA8609 product is 5.7gal (25kg)/plastic drum.

