

# IMPRO™ LA209

High performance liquid scale inhibitor/stabilizer

## DESCRIPTIONS

Liquid scale inhibitor/stabilizer for high-performance control of scaling in reverse osmosis /nanofiltration systems

## FEATURES

- Effectively control calcium carbonate scaling, with an LSI value of +3.0 without causing scaling;
- Effectively control scaling of calcium sulfate, calcium phosphate, strontium sulfate, barium sulfate, silicon, etc; Effectively control the high content of metal ion components such as aluminum and iron in raw
- water; Good compatibility with organic matter in water and can be used in reverse osmosis systems where wastewater is used as a water source.

## PARAMETERS

Appearance: Light yellow to amber liquid

Density (g/cm<sup>3</sup>, 20 °C): 1.05-1.20

pH (10%, w/w): 2.20-3.20

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

## INSTRUCTIONS

LA209 is a high-performance liquid scale inhibitor used to control and reduce the deposition and fouling of easily fouling components in membrane separation systems. When the system adopts the optimal dosing method and uses LA209 agent as a preventive pre-treatment, it can effectively reduce routine cleaning of the system. LA209 can be added directly or after dilution, and it is recommended to dilute it to within 5 times.

## USAGE

The recommended dosing point is before the security filter or mixer. The conventional dosage is 2ppm~6ppm, and the maximum dilution ratio is recommended to be less than 5 times. The specific dosage should be determined based on the specific system. It will vary due to many factors, such as pH value, temperature, recovery rate, and salt content in the influent. It can be added directly or after dilution, and it is recommended to dilute it to within 5 times.

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

## PACKAGING

The packaging form of LA209 product is 5.7gal (25kg)/plastic drum.

