



Chembond Water Technologies

Kem Watreat R 170

Silica Antiscalant

DISCRIPTION

Kem Watreat R 170 antiscalant is a liquid deposit control agent specially designed to control silica, as well as silicate scale formation, in reverse osmosis (RO) purifying systems.

Kem Watreat R 170 antiscalant is multifunctional product, which exhibits excellent performance in combating the most serious causes of membrane fouling, such as build up of calcium silicate, magnesium silicate and colloidal silica.

Kem Watreat R 170 antiscalant

- Demonstrates superior control of a variety of mineral scales.
- Prevents colloidal scale forming
- Maintains cleaner membrane surfaces by dispersing particulates.
- Is hydrolytically stable and remains effective over a wide pH and temperature range.
- Does not promote biological growth.

Is compatible with various membrane types.

Typical Properties

Appearance : colorless to pale yellow liquid
Sp. Gravity @ 25⁰C: 1.08 -1.15
pH : 0.1 -4.00
Flash Point : None
Freeze Point : 18⁰ F (-8⁰ C)

Feeding Properties

The optimum dosage of Kem Watreat R 170 antiscalant depends upon a number of factors including nature of the makeup water, type of membranes being treated and the degree of control required. The product should be dosed as delivered to the feed line, upstream of high pressure pumps. Where necessary, our representative will arrange for a chemical analysis of the water to be treated and offer technical advice concerning specific site problems.

HANDLING PRECAUTIONS

Wear suitable protective gloves and safety goggles. In case of contact, flush with plenty of water. After eye contact seek medical advice. In case of spillage, absorb with sand or other absorbent materials and sweep up. Then flush the area with water.

Before use review the Material Safety Data Sheet for additional information.

Packaging

Kem Watreat R 170 antiscalant is available in a variety of package sizes including 200 liter drum, bulk, and semi-bulk containers.

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