



Chembond Water Technologies

# Kem Watreat R 4001

## (Antiscalant /Dispersant)

### DESCRIPTION

**KEMWATREAT R 4001** antiscalant is a deposit control agent specially designed to control scale formation in reverse osmosis (RO) systems.

**KEMWATREAT R 4001** antiscalant is multifunctional product which exhibits excellent performance in combating the most serious causes of membrane scaling such as build up of calcium, calcium sulphate, barium sulphate, strontium sulphate, iron oxide etc.

**KEMWATREAT R 4001** is a highly effective antiscalant having a 3<sup>rd</sup> Generation Polymer base composition.

**KEMWATREAT R 4001** finds application for high hardness water, sulphate salts. Product is best suitable for concentrate LSI up to +3.0 & iron oxide fouling and apart of silica scale inhibition.

### TYPICAL PHYSICAL PROPERTIES

Appearance : Amber to Brown

Specific-gravity : 1.10-1.20 @25 deg.c

pH : 10-11.5

### APPLICATION

**Kem Watreat R 4001** is used as a scale inhibitor and helps disperse scale forming Inorganic salts.

### DOSAGE

Dosage depends on various factors and conditions encountered in specific systems. For best results continuous feeding of **Kem Watreat R 4001** is recommended. Generally a level of 2-10 ppm should be sufficient for most aqueous systems.

### FEEDING

**KEM WATREAT R 4001** can be fed directly with dosing pump feed line of Reverse Osmosis plant Preferable before cartridge Filter. The Product can be dose neat or in dilutions

### HANDLING PRECAUTIONS

Contact with the eyes or prolonged contact with skin should be avoided. **KEM WATREAT R 4001** should not be taken internally. In case of contact with skin, the affected area should be washed with plenty of water. In case of contact with eyes, they should be flushed with water and prompt medical attention obtained. Gloves and goggles should be preferably used when handling concentrated solutions.

### Chembond Water Technologies Limited

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