



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 3rd 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.

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