



RO-TREAT-102

TECHNICAL DATA SHEET

RO - ANTISCALENT

RO-TREAT-102 is a polycarboxylate base highly effective liquid antiscalant developed to control scale precipitates within membrane separation systems. It can be used in reverse osmosis (RO), nano-filtration (NF) and ultra-filtration (UF) system. It is compatible with all of the leading RO membranes. It can extend the membrane life and reduce the running cost. It is particularly suitable for treatment of the surface water and the water with high content of organic matter. It is usually used in the first stage of desalinization process. RO-TREAT-102 is free from phosphate.

BENEFITS :

- 1) Excellent inhibition properties for precipitation of Calcium Carbonate , Calcium Sulphate and Barium Sulphate .
- 2) It can be used in reverse osmosis (RO), nano - filtration (NF) and ultra-filtration (UF) system.
- 3) It is compatible with all of the leading RO membranes.
- 4) It can extend the membrane life and reduce the running cost.
- 5) It is particularly suitable for treatment of the surface water and the water with high content of organic matter.

SPECIFICATION:

| | |
|---------------------------|----------------|
| Appearance : | Clear solution |
| Specific Gravity @ 25°C : | 1.15 – 1.17 |
| pH : | 3.0 – 4.0 |

DOSING AND FEEDING :

RO – TREAT 102 may be used in dilution 10% W/W , the typical dosage range is between 2 – 10 ppm depending on the quality of the feed water.

HANDLING :

Rubber gloves, goggles, aprons and boots should be used while handling the chemical or its solution. Any splashes on the skin or eyes should be washed off with plenty of water and immediate medical attention should be obtained.

To be stored in cool and ventilated warehouse, avoid direct exposure in the sunshine.

DISPOSAL :

In case of spillages, drench with water or soak up with sand. Normal sewage works will adequately process contaminated effluent.