

## TH-200 RO Antiscalant and Dispersant

### Properties:

TH-200 is a high-effective scale inhibitor, it is suitable for reverse osmosis (RO), nanofiltration (NF) and ultrafiltration (UF) system. It can inhibit the scale deposit on membrane surface, improve water quality, lower operation expense. This product has the following properties:

- (1). Used together with organic flocculants.
- (2). Used for drinking water system.
- (3). Inhibit scales formation of calcium carbonate, calcium sulfate, barium sulfate and strontium sulfate, no scale is formed even when LSI value is 3.0.
- (4). Used for almost all RO membranes.
- (5). Maintain the surface of RO membrane clean by dispersing particle blockage.
- (6). Effective in pH 5-9.
- (7). Used directly, or after dilution.
- (8). Good resistance to alumina oxide and ferric oxide.

### Specification:

items	index
Appearance	Amber transparent liquid
pH (1% water solution)	5.0±1.5
Density (20℃) g/cm <sup>3</sup>	1.10±0.05

### Package and Storage:

25kg barrel or confirmed by clients.

### Usage Method:

For best effective, TH-200 should be added before static mixer or cylindrical filter, the dosage of 3-6mg/L is expected, it can be diluted by RO liquid or by deionized water.

Notes: extra or insufficient dosage will do harm to the RO membrane.