

## THASD-200 Antiscalant and Dispersant for RO Membrane

### Properties:

THASD-200 is used for RO, NF and UF system, it can effectively inhibit scaling on membrane surface, improve water quality and lower operation cost. THASD-200 has the following properties:

- (1) Original liquid is 11 times concentrate, 90% transportation cost and storage space is saved.
- (2) Prevent pollution from inorganic salt, metal scale and some organic substances;
- (3) Not flocculate with ferric oxide, alumina oxide or silica oxide to form suspended substance;
- (4) Effectively control the pollution of ferric, aluminium and heavy metal;
- (5) No content of any phosphate or phosphorous;
- (6) Used in RO CA, TFC, NF and UF membranes.
- (7) Good solubility and stability;
- (8) Stable in extreme pH and temperature;

(9) Due to THASD-200 special molecular structure, it is safe to membrane. Even high medicine input (equipment trouble, for example) will not lead to its deposit, crystallization or adsorption on membrane surface and lead to membrane blockage.

### Specification:

items	11 times concentrate
Appearance	Transparent clear liquid
pH (1% water solution)	$2.5 \pm 0.5$
Density (20°C) g/cm <sup>3</sup>	$1.20 \pm 0.05$

### Package:

Original liquid is 11 times concentrate, 5gallon per barrel (22.7kg), after dilution 11 times, it turns to 250kg standard liquid.

### Usage:

Mix with RO outflow or desalted water. The dosage should be determined by water quality and referred to suppliers. The dosage of 3ppm is preferred.