



PRODUCT DATA SHEET

OX-PRO WT 3102D – REVERSE OSMOSIS (RO) ANTISCALANT

PRODUCT DESCRIPTION

Ox-Pro WT 3102D Reverse Osmosis (RO) antiscalant is an excellent multifunctional antiscalant for reverse osmosis and nanofiltration systems. It is hydrolytically stable, and functions over a wide pH range and usually replace the need for acid addition. It also contains good sequestering agents for most metal ions. It is very effective in controlling Calcium Carbonate, Calcium Sulphate, Strontium Sulphate, Barium Sulfate, Ferric Hydroxide and other scalants.

APPLICATION

Ox-Pro WT 3102D can be either fed neat directly from the shipping container or can be diluted up to minimum dose concentration of 10% w/w strength using good permeate water. Dosage must be calculated based upon water characteristics and operating conditions. The product should be injected in membrane systems after Chlorine and Sodium Metabisulphite treatment, downstream of cartridge filters.

Please contact Idealfluids Technical Service for proper dosage and specific control limits for the product.

MATERIALS COMPATIBILITY

Corrosive in its concentrated form. Corrosion resistant dosing equipment must be used. Suitable materials are PVC, glass lining, glass reinforced plastic, PP or HDPE.

BENEFITS

- Compatible with all major membranes types
- Phosphonate based antiscalant
- Highly effective across wide water parameters in RO systems
- Liquid product easy to handle & dose
- Cost effective formulation

PHYSICAL PROPERTIES

Appearance	: Clear pale yellow liquid
Specific Gravity	: 1.05~1.10
pH Undiluted	: 10~11
Odor	: NA
Freezing Point	: -16°C
Boiling Point	: 100 °C
Solubility	: Complete in water
Packing	: 25 liters pail

PACKAGING & SAFETY INFORMATION

For best results, store product at 0-40°C. Protect from freezing. If product freezes, allow to warm in heated area and thaw thoroughly before using; mix container prior to use. If product spills clean it up as soon as possible; please refer to the SDS.

Product is alkaline. Handle with care and personal protective equipment to be worn. Refer to Product SDS for more information.