

MetaGuard™ antiscalant/dispersant is a high performance powder chemical pretreatment that controls inorganic salts, metal hydroxides, silica, and colloids in RO feedwater. Its unique performance characteristics provide users with more complete control of system feed water chemistry, reducing membrane fouling and minimizing cleaning requirements. MetaGuard™ is compatible with all membrane types and system components.

Features / Benefits

- Phosphate-free formula reduces negative impact on the environment
- Stable molecular structure maintains integrity in high pH, high temperature and high salinity applications
- Classified for use in membrane systems producing drinking water (ANSI/NSF Standard 60)

Uses

- Control of calcium carbonate, calcium sulfate, barium sulfate, calcium fluoride, silica, and hydroxides of iron and aluminum
- Can be blended with other pretreatment formulations from Professional Water Technologies™ to reduce chemical dosing equipment

Specifications

Appearance	White powder
pH (4% solution)	2.0 - 2.5

Packaging

Jar: 1.8 lbs/ 0.82 kg Pail: 40 lbs/18.2 kg

Pail: 20 lbs/9.09 kg

For special packaging options, please contact PWT or your local distributor.





General Mixing & Application Instructions for MetaGuard™

- 1. Typical dose rates are 2.0 to 6.0 mg/l (of 4% solution).
- 2. Call Professional Water Technologies™ or your local distributor for custom chemical dosing report.

ProDose XPRT™ - Scaling Prediction Software

PWT proprietary scaling prediction software, ProDose XPRT[™] provides immediate dosage capabilities for our specialty chemicals. The software can create cases to study multiple operating conditions, and directly enter concentrate analyses leading to the optimal selection of PWT product and dosage. ProDose XPRT[™] can generate complete and comprehensive reports detailing the scaling projections.

ProDose XPRT™ is available upon request only. Please contact your PWT representative for more information.



