



MetaGuard™

POWDER REVERSE OSMOSIS ANTISCALANT

MetaGuard™ antiscalant/dispersant is a high performance 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.

Benefits

- Phosphate-free formula reduces negative impact on the environment
- Stable molecular structure maintains integrity in high pH, high temperature and high salinity applications
- Carries the following drinking water approvals: NSF, Kosher, DWI, and Halal

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	Clear liquid
pH (4% solution)	2.0 – 2.5
Density (kg/liter for 4% solution)	1.03 – 1.05

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.



**PROFESSIONAL WATER
TECHNOLOGIES™**

High-Performance Reverse Osmosis Chemicals

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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.

Company Overview

Founded in 1996, Professional Water Technologies™ develops industry leading products and services for maintaining and operating industrial, commercial, and municipal reverse osmosis and MF/UF systems. With efficiency and high performance behind everything we do, Professional Water Technologies™ solutions surpass our client's expectations by maximizing the operating efficiency, economy, and longevity of their systems. Solutions include super-concentrated phosphate-free antiscalants, membrane cleaners, membrane forensics services, and more.

