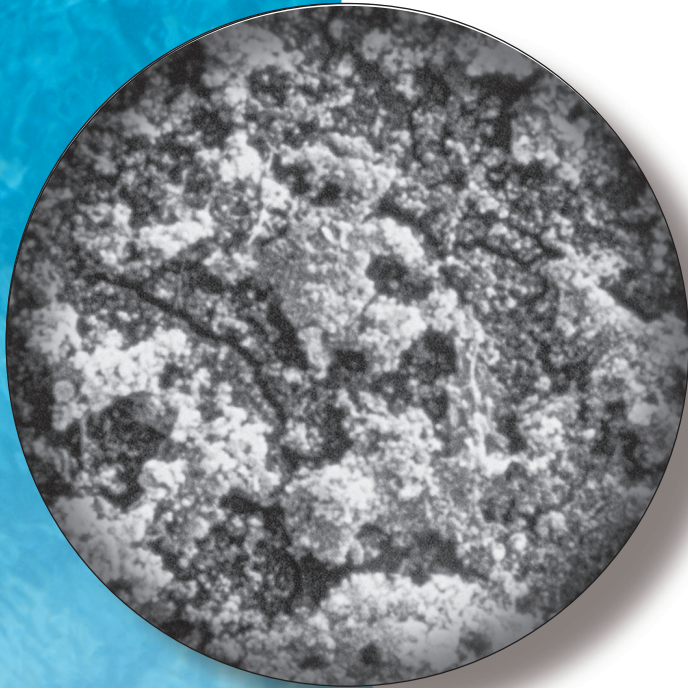


MetaGuard™

Powder Antiscalant and Stabilizer



- Silica
- Iron
- Colloids
- Aluminum
- Barium Sulfate
- Strontium Sulfate
- Calcium Sulfate
- Calcium Phosphate
- Calcium Carbonate

MetaGuard™ powder antiscalant/dispersant controls inorganic scale, metals and colloids in RO feedwaters to reduce membrane fouling and minimize membrane cleaning requirements. It is compatible with all membrane types and complies with ANSI/NSF Standard 60 requirements for potable water systems.

MetaGuard™ is the first high-performance antiscalant/dispersant to eliminate unnecessary water weight and reduce shipping/handling by 96%. It is packaged in 1.8 pound (0.8 kg) and 20 pound (9.1 kg) containers which are equivalent to 5 gallons (18.9 liters) and 55 gallons (208.2 liters) of liquid antiscalant/dispersant when mixed into liquid solution on-site.

Each MetaGuard™ container is packaged with moisture-absorbing desiccant to maintain an easy-to-use powder consistency long-term. It can be easily mixed into solution and maintains performance integrity at extreme pHs and temperatures.

This product is highly stable in the presence of multivalent ions such as iron and is designed to control metals commonly found in RO feedwaters. Further, MetaGuard™ is highly soluble in water so it will not crystallize or blind the membrane at higher concentrations.

MetaGuard™ contains no phosphates or phosphate derivatives so it will not contribute to inorganic scale problems and does not promote biological growth in the membrane elements or system components.

MetaGuard™ is typically dosed into feedwaters at the rate of 2-6 ppm of the liquid mixture and it may be injected from the same tank as any other PWT pretreatment products.



**PROFESSIONAL WATER
TECHNOLOGIES, Inc.**

High-Performance Reverse Osmosis Chemicals

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