

SEQUEST-ALL® EMC

Granular Water Treatment

Treatment Functions and Advantages of using Sequest-All® EMC:

Sequest-All® EMC is a proprietary blend of various high quality domestically (US) produced potassium phosphates, polyphosphates and stabilizers specifically formulated to maximize the sequestration of natural mineral ions especially iron, manganese, calcium etc., in potable and irrigation water systems. Sequest-All® EMC is formulated to successfully treat potable and industrial water systems to furnish the following system benefits. The product is uniquely designed to function effectively at high water temperatures.

- ▶ Our most specifically designed mineral sequesterant of naturally occurring minerals (such as iron, manganese, calcium, etc.) found in potable and irrigation water sources. Sequest-All® EMC minimizes the potential for rusty and/or dirty water through out the water system.
- ▶ Reduced mineral scale buildup (by sequestration and dispersion) on the interior surface of the water distribution system - Sequest-All® EMC decreases tuberculation while increasing the carrying capacity of the system.
- ▶ Maintain water clarity through functional sequestration and mineral scale control - resulting in fewer customer water complaints and reduced flushing requirements.
- ▶ Sequest-All® EMC is also a very effective deflocculant that breaks up aggregates into fine particles. This function helps to remove particles from surfaces to provide a cleansing action throughout the water system. It is an ideal treatment to use in Industrial cleaning operations.
- ▶ Reduce the demand for chlorine because of the stabilization of minerals and reduction of scale deposits effectively improving disinfection throughout the water distribution system while providing effective corrosion inhibition.
- ▶ Gradual removal and inhibition of mineral scale deposits formations in hot water lines and residential water heaters.
- ▶ Since Sequest-All® EMC is formulated with highly stable ingredients, the treatment remains effective over longer periods of time than standard phosphate treatments.

Sequest-All® EMC Chemical Properties and Certification:

- **Composition:** Powders and granules
- **Bulk Density:** 64 lbs./cubic feet
- **% P2O5 - Blended:** 47.5
- **NSF Listed Since:** 1996
- **NSF Certification:** Standard 60



- **Appearance:** Clean, white
- **pH of 1% solution:** 9.5 - 11.0
- **Specific gravity:** 10.96 - 1.3 G/ML
- **Solubility:** 5.0 lbs/gal +
- **NSF max potable dosage:** 16 mg/L

Sequest-All® EMC Application and Dosage:

Sequest-All® EMC blended potassium phosphate can be applied to a water system by a chemical injection metering pump once liquified with water. Sequest-All® EMC goes very easily into solution with agitation in concentrations of up to 5 lbs per gallon of water. Typical potable water treatment dosages range from 0.75 to 3.75 and higher for non-potable systems

Packaging, Shipping and Handling of Sequest-All® EMC:

Sequest-All® EMC granular is packaged in 50 and 300 pound containers FOB Clearwater, FL 33760. Sequest-All® EMC is shipped in securely sealed in our containers. Please refer to our Material Safety Data Sheet for handling information: Material Safety Data Sheet.



For more complete information on properties and safe handling of this material, see the SPER Chemical Material Safety Data Sheet [MSDS].

NOTICE

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