

# SEQUEST-ALL®

## Granular Water Treatment

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

Sequest-All® is a proprietary blend of high quality domestically (US) produced phosphates and polyphosphates specifically formulated to successfully treat potable and non-potable water systems to furnish the following system benefits. The product is uniquely designed to function continuously and effectively at high water temperatures.

- ▶ Control the naturally existing minerals (such as iron, manganese, calcium, etc.) found in potable water sources - minimizing the potential for rusty and/or dirty water throughout the water system.
- ▶ Reduce mineral scale buildup (by sequestration and dispersion) on the interior surface of the water distribution system - decreasing tuberculation while increasing the carrying capacity of the system.
- ▶ Maintain water clarity through functional sequestration and mineral scale control - resulting in fewer customer complaints and reduced flushing requirements.
- ▶ Inhibit corrosion of steel distribution water lines along with iron and galvanized pipes and residential copper and lead plumbing.
- ▶ Inhibiting lead and copper leaching by forming a protective coating on the interior surface of the pipe effectively lowering lead and copper levels making it an ideal treatment for the Lead and Copper rule.
- ▶ Reduce the demand for chlorine because of the stabilization of minerals and reduction of scale deposits effectively improving disinfection throughout the water distribution system.
- ▶ Gradual removal and inhibition of mineral scale deposits formations in hot water lines and residential water heaters.
- ▶ Since Sequest-All® is formulated with highly stable ingredients, the treatment remains effective over longer periods of time than standard phosphate treatments.

### Sequest-All® Chemical Properties and Certification:

- **Composition:** Powders and granules
- **Bulk Density:** 82 lbs./cubic feet
- **% P<sub>2</sub>O<sub>5</sub> - Blended:** 67.5
- **Na<sub>2</sub>O/P<sub>2</sub>O<sub>5</sub> :** 1.05
- **% K<sub>2</sub>O:** 5.7



- **Appearance:** Clean, white
- **pH of 1% solution:** 5.9 - 6.4
- **Specific gravity:** 1.32
- **Solubility:** 5.0 lbs/gal +
- **NSF max potable dosage:** 11 mg/L

### Sequest-All® Application and Dosage:

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

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

Sequest-All® granular is packaged in 50, 100, and 300 pound containers FOB Clearwater, FL 33760. Sequest-All® is shipped in securely tagged and sealed containers. Please refer to MSDS for handling information.



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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