

# SEQUEST-ALL<sup>®</sup> EMC WSF-20

## Liquid Water Treatment

### Advantages and Treatment Functions of Sequest-All<sup>®</sup> EMC WSF-20:

Sequest-All<sup>®</sup> EMC WSF-20 is a proprietary blend of various high quality domestically (US) produced potassium phosphates, polyphosphates and stabilizers specifically formulated to maximize the sequestration of mineral ions including iron, manganese, calcium etc., in potable and irrigation water systems. Sequest-All<sup>®</sup> 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<sup>®</sup> EMC WSF-20 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<sup>®</sup> EMC WSF-20 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<sup>®</sup> EMC WSF-20 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.
- ▶ Gradual removal and inhibition of mineral scale deposits formations in hot water lines and residential water heaters.
- ▶ Since Sequest-All<sup>®</sup> EMC WSF-20 is formulated with highly stable ingredients, the treatment remains effective over longer periods of time than standard phosphate treatments.

### Sequest-All<sup>®</sup> EMC WSF-20 Chemical Properties and Certification:

- **Composition:** Liquid slightly slippery
- **Bulk Density:** 9.4 lbs./gallon
- **% Concentrate:** 20.0%
- **Freezing Point:** -4°C (24.8°F)
- **NSF Certification:** Standard 60



- **Appearance:** Clean, clear blue liquid
- **pH of 1% solution:** 10.0 - 10.5
- **Specific gravity:** 1.18
- **Solubility:** N/A
- **NSF max potable dosage:** 70.0 mg/L

### Sequest-All<sup>®</sup> EMC WSF-20 Application and Dosage:

Sequest-All<sup>®</sup> EMC WSF-20 liquid blended potassium phosphate can be applied directly out of the container to a water system using a chemical injection metering pump. Sequest-All<sup>®</sup> WSF-20 liquid water treatment dosages typically range from 0.75 to 3.75 mg/L (calculated) and higher for non-potable water systems.

### Packaging, Shipping and Handling of Sequest-All<sup>®</sup> EMC WSF-20:

Sequest-All<sup>®</sup> EMC WSF-20 liquid is packaged in 5, 30, and 55 gallon containers FOB Clearwater, FL 33760. Sequest-All<sup>®</sup> EMC WSF-20 is shipped in tamper evident 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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