

SPER PolyPhos Beads®

Glass Bead Water Treatment

Treatment Functions and Advantages of using SPER PolyPhos Beads®

SPER PolyPhos Beads® is a proprietary high quality domestically (US) produced glassy polyphosphate bead 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.

- ▶ 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 discolored water.
- ▶ 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 minimizing potential pin hole leaks.
- ▶ 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 SPER PolyPhos Beads® is formulated with highly stable ingredients, the treatment remains effective over longer periods of time than standard phosphate treatments.

SPER PolyPhos Beads® Chemical Properties and Certification:

- **Composition:** Glassy Beads
- **Bulk Density:** 104.25 lbs./cubic ft
- **Odor:** Odorless
- **NSF max potable dosage:** 12 mg/L



- **Appearance:** Clear, clean
- **pH of 1% solution:** 6.5 - 7.5
- **Melting Point:** 1200° F
- **Bead Size:** 2.5 - 5.0 mm

SPER PolyPhos Beads® Application and Dosage:

SPER PolyPhos Beads® can be applied to a water system by adding the beads to a clear filter cartridge assembly affixed to your influent potable water line. Typical potable treatment dosages range from 0.75 to 3.75 and higher for non-potable water systems.

Packaging, Shipping and Handling of SPER PolyPhos Beads®:

SPER PolyPhos Beads® is packaged in 50 lb pails, 300 lb drums and 1,000 & 2,500 lb pallet containers FOB Clearwater, FL 33760. SPER PolyPhos Beads® is shipped in securely tagged and sealed containers. Please refer to SDS for handling information.



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

NOTICE

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