

# PROTECT-ALL WSF-36

## Liquid Water Treatment

Federal Buyers: Product listed with GSA  
Go directly to GSA purchase site at:  
<http://www.gsaadvantage.com>



### Advantages and Treatment Functions of Protect-All WSF-36:

Protect-All WSF-36 is a orthophosphate/polyphosphate liquid blend formulated specifically to be used for the inhibition of internal corrosion in potable water distribution systems. Protect-All liquid contains cleansing ingredients necessary for the gradual removal of existing mineral scale deposits. The product includes metal phosphatizing ingredients required for the development and maintenance of corrosion protective film formation. Consider Protect-All WSF-36 liquid potable water treatment if you are in need of an effective corrosion inhibitor.

- ▶ Protect-All WSF-36 is a unique orthophosphate liquid blend for the control of internal corrosion in potable and non-potable water distribution systems.
- ▶ Protect-All WSF-36 will suppress primarily the anodic electrochemical potential thereby neutralizing the circuit necessary to form a corrosion cell on the interior surface of the distribution pipe and equipment.
- ▶ Along with functioning as a corrosion inhibitor, Protect-All WSF-36 has ingredients that will stabilize mineral ions such as iron, calcium, magnesium and manganese preventing mineral scale deposits and discolored water complaints.
- ▶ Once added to a water distribution system, the treatment is also an excellent pH buffering agent to prevent swings in pH to the acidity side.
- ▶ Reduces the demand for chlorine/chloramines 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.

### Protect-All WSF-36 Chemical Properties and Certification:

- **Composition:** Liquid
- **Bulk Density:** 11.25 lbs./gallon
- **% Concentrate:** 36.0%
- **NSF Year Listed:** 1991
- **NSF Certification:** Standard 60



- **Appearance:** Clean, clear blue liquid
- **pH of 1% solution:** 5.1 - 5.4
- **Specific gravity:** 1.35
- **Solubility:** N/A
- **NSF max potable dosage:** 30.0 mg/L

### Protect-All WSF-36 Application and Dosage:

Protect-All WSF-36 liquid blended phosphate can be applied directly out of the container to a water system using a chemical injection metering pump. Protect-All WSF-36 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 Protect-All WSF-36:

Protect-All WSF-36 liquid is packaged in 5, 30, and 55 gallon containers FOB Clearwater, FL 33760. Protect-All WSF-36 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**

The information herein is to our knowledge true and accurate. All information appearing on this document is based on data obtained from the manufacturer and/or recognized technical sources. Because of conditions beyond our control, we make no warranty or representation, expressed or implied, except that the product discussed herein conform to the chemical descriptions shown on their labels/product data. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will SPER Chemical Corporation be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information or the product to which the information refers. No agent, representative or employee of this company is authorized to vary any of the terms of this notice.