

# SEQUEST-ALL

## WATER TREATMENT



### Key Functions

Sequestration  
Mineral Scale Control  
Corrosion Inhibition

## PRODUCT DATA

### DESCRIPTION:

Sequest-All is a blend of granular phosphates and complex polyphosphates, each having different properties that enhance the over-all ability and function of the product. Sequest-All will inactivate minerals including iron, calcium, and manganese preventing scale buildup and “red water”, it will slowly soften and remove existing scale present within the water distribution system, and finally Sequest-All will suppress both anodic and cathodic electrochemical reactions along with depositing a protective coating effectively reducing corrosion rates. This formulation is designed to be stable under otherwise extreme conditions of temperature, time and where the requirements of potability must be met.

### APPROVALS:

Sequest-All is approved for use in potable water systems by the U.S. Food and Drug Administration (USFDA), the Department of Agriculture (USDA), and is officially certified and listed with NSF International (NSF/ANSI) Standard 60 - Drinking Water Additives, with the authorization of the U.S. Environmental Protection Agency (USEPA).

### CHEMICAL PROPERTIES:

Composition .....	Powders and granules
Appearance .....	clean, white
Bulk Density .....	82 lbs./ft <sup>3</sup>
pH of 1% solution .....	5.9 - 6.4
% P <sub>2</sub> O <sub>5</sub> .....	67.5
Specific gravity .....	1.32
Na <sub>2</sub> O/P <sub>2</sub> O <sub>5</sub> .....	1.05

### APPLICATION AND DOSAGE:

Sequest-All can be applied to the water system by automatic dispensing, or by a chemical injection pump once liquefied with water. Sequest-All goes easily into solution w/agitation in concentrations of up to 3 lbs per gallons of water. Treatment dosage rates typically range from .50 mg/l - 11.6 mg/l as PO<sub>4</sub> (calculated) and higher for non-potable water systems.

### HANDLING:

Handle in accordance with good industrial hygiene and safety practices. Refer to Material Safety Data Sheets for handling information.

### PACKAGING:

Sequest-All is available in 50, 100, and 300 pound containers, F.O.B. Clearwater, Florida 33760.



SPER  
Chemical  
Corporation

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.