



<u>Item No.</u>	<u>Size</u>	<u>Pack</u>
45140	5 lb.	6/case
45141	50 lb.	Drum

## *Pro-Chemicals*

### **Pro-Poly**

*Pro-Poly* sequesters iron and manganese to reduce or eliminate iron staining in potable water, irrigation systems and other areas where unsightly iron staining is to be prevented. *Pro-Poly* also helps prevent or retard corrosion through the water system, and can be used in the treatment of potable water. This formulation holds the dissolved iron in solution, keeping the water clear, and thus preventing iron staining.

#### *Applications*

*Pro-Poly* is applied through a chemical feed pump. The pump and solution tank are installed downline from the well pump. *Pro-Poly* is normally fed at a rate of 1 pound (1.5 cups) per 40,000 gallons of water. Feed rate should be increased to 1 pound per 20,000 gallons of water in above normal iron and corrosion water supplies. Follow the procedure for injecting *Pro-Poly* solution into the water system as specified by the chemical feed pump manufacturer or supplier. The product is compatible with the majority of chemical feed pumps.

#### *Features and Benefits*

*Pro-Poly* is a unique blend of polyphosphates containing special inorganic inhibitors designed to react quickly with iron molecules found in difficult, high-iron water. This highly resistant film containing synergistic zinc and phosphate provides the protective mechanism to control scale and corrosion.

Lime scale is a mineral deposit which forms when hard, bicarbonate waters are heated. *Pro-Poly* prevents lime scale by keeping the hardness particles separated so they do not precipitate and form deposits when the water is heated. *Pro-Poly* effectively controls corrosion by forming a thin protective film on all the metal surfaces of the water system. It will not break down in hot water systems (up to 212° F).

#### *Technical Information*

*Pro-Poly* is a free-flowing white powder.

Note: Warm water will accelerate dissolving.

All ingredients are listed by the FDA as Generally Recognized as Safe (GRAS) materials.

#### *Formulation*

Polyphosphate mixture CAS# N/A

#### *Storage and Handling*

*Pro-Poly* should be stored in a cool, dry area away from acids. Special handling generally is not required. Read relevant Material Safety Date Sheet before handling this product.

#### *Shipping Information*

DOT classification: Non-hazardous.

Packaging meets all DOT requirements.

