

## **PT-245-HCD**

### **RETENTION AID**

#### **PRODUCT INFORMATION:**

PT-245-HCD is a medium molecular weight, liquid cationic quaternary organic polymer coagulant, which effectively replaces or significantly reduces primary inorganic metal salts in clarification of water and wastewater.

#### **APPLICATION:**

PT-245-HCD is an organic polymer in an aqueous solution. It is most effective when used as a coagulant/flocculant for clarification of water or wastewater. It is also effective in retaining fines and filler in some grades of paper.

PT-245-HCD should be fed via a positive displacement-metering pump to a point in the system upstream of the point where the liquid/solids separation takes place. PT-245-HCD may be diluted, in line, with water to enhance performance.

#### **DOSAGE:**

The dosage of PT-245-HCD will vary depending on the application. Laboratory screening tests will provide a starting point.

#### **Typical Properties**

Appearance.....	Straw col. viscous lq.
Viscosity.....	8000 - 12000 cps
Specific Gravity.....	1.07 - 1.09
pH.....	5.0 - 7.0
Freeze Point.....	27° F

#### **STORAGE AND HANDLING:**

PT-245-HCD should be stored at 50-80° F. Short term exposures to higher or lower temperatures will not normally harm the product. If frozen, PT-245-HCD should be warmed to 50-80° F. and agitated prior to use. The shelf life of PT-245-HCD is at least six (6) months.

