

## **AquaSol® 1010 Polyacrylate Homopolymer**

**CAS NO.:**

**Structural Formula:**

### **Physico-Chemical Properties:**

Appearance	Colorless to light yellow transparent liquid
Average Molecular Weight	1000-2000 (Mw)
Solid content	42.0-44.0
Density (20°C) g/cm <sup>3</sup>	1.30 min
pH(as it)	6.5-7.5
Viscosity (25°C) cps	100-500

### **General Information**

AquaSol 1010 is a low molecular weight polyacrylate with excellent inhibition effect for calcium carbonate in industry circulating cool water system; AquaSol 1010 can also be used as antiscalant and dispersant in Boiler and Oil field water systems; AquaSol 1010 shows good anti-scale efficiency at low dosage over a wide range of pH, hardness and temperature conditions.

AquaSol 1010 can be used alone with the general dosage 10-30mg/L. When used with other water treatment chemicals in formulations, the dosage should be determined by experiment according to the water and equipment condition.

### **Safety Protection**

AquaSol 1010 is the neutral liquid. Please be protected in handling and avoid skin and eyes contact, rinse with plenty of water immediately after contact.