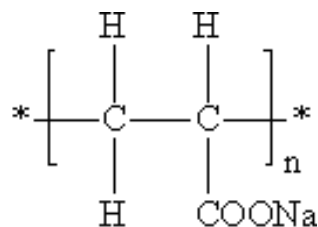


## AquaSol® 9204s Polyacrylic Acid Sodium Salt (PAAS)

CAS NO.:

9003-04-7

Structural Formula:



### Physico-Chemical Properties:

Appearance	Clear, Colorless to pale yellow aqueous solution
Solid content	45.0% min
Free monomer (as AA) %	0.80 max
PH(1% water solution)	6.0-8.0
Density (20°C) g/cm <sup>3</sup>	1.20 min

### General Information

PAAS is innocuous and soluble in water, it can be used in situations of alkaline and high concentration without scale sediment. PAAS can disperse the microcrystals or microsand of calcium carbonate, calcium phosphate and calcium sulfate. PAAS is used as scale inhibition and dispersant for circulating cool water system, papermaking, weave, dyeing, ceramic, painting, etc.

PAAS can be used as scale inhibitor and dispersant in circulating cool water systems in power plants, iron & steel factories, chemical fertilizer plants, refineries and air conditioning systems. Dosage should be in accordance with water quality and equipment materials. When used alone, 2-15mg/L is preferred. When used as dispersant, the dosage should be determined by experiment.

### Safety Protection

Acidity, Avoid contact with eye and skin, once contacted, flush with water.