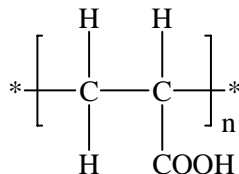


# Polyacrylic Acid (PAA)

CAS No. 9003-01-4

## Structural Formula:



## Properties:

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

## Specification:

items	index
Appearance	Colorless to light yellow transparent liquid
Solid content %	30min
Free monomer (CH <sub>2</sub> =CH-COOH) %	0.5max
Density (20℃) g/cm <sup>3</sup>	1.09min
pH(1% water solution)	3.0max

40%, 50% PAA are also supplied.

## Usage:

PAA 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, 1-15mg/L is preferred.

## Package and Storage:

Normally In 200kg net Plastic Drum, IBC drum can also be used as required. Storage for one year in room shady and dry place.