



Product Information:

Chemical Name	Polyacrylic Acid Sodium Salt 45%
Abbreviation	PAAS
CAS Number	9003-04-7
Application Notes	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.
Recommended Uses	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.

Product Specification:

Items	Index
Appearance	Pale yellow liquid
Solid content (%)	45.0 min
Free Monomer (as AA) Content, %	1.0 max
PH (1% solution)	6.5 - 8.0
Density (20°C), g/cm ³	1.20 min
Viscosity, cps, (25°C)	900-1200
MW	8000-12000

Package and Storage:

Normally in 250kg /HDPE drum or 1250kg/ IBC.

Storage for 10 months in room shady and dry place.