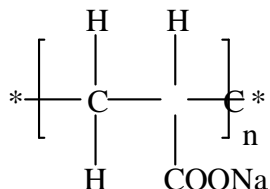


Polyacrylic Acid Sodium (PAAS)

CAS No 9003-04-7

Structural Formula:



Properties:

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.

Specification:

items	index
Appearance	Colorless to light yellow transparent liquid
Solid component %	50min
Free monomer (CH ₂ =CH-COOH) %	0.5max
Density (20°C) g/cm ³	1.15min
pH (as it)	6.0~8.0

Notes: Solid content 40%, 45% and 30% are also available.

Usage:

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.

Package and Storage:

25kg or 200kg in plastic barrel. Storage for ten months in room shady and dry place.