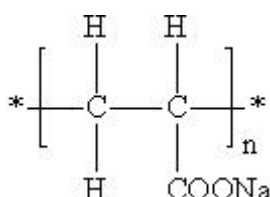


Polyacrylic Acid Sodium Salt (PAAS)



CAS No.	9003-04-7	EINECS No.	618-349-8
Molecular Formula	(C ₃ H ₃ O ₂ Na) _n	Molecular Weight	3000~5000

Structural Formula



Product Features

PAAS is sodium salt of Polyacrylic acid(PAA), it is innocuous and soluble in water. PAAS 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.

Technical Specification

Parameter	Standard
Appearance	White Powder
Solid content, %	92.0 min
Moisture, %	8.0 max
pH(1% water solution)	7.0-9.0



Applications & Usage

PAAS can be used as scale inhibitor and dispersant in circulating cool water systems in power plants, iron & steel factories, chemical fertilizer plants, Powdered laundry detergents, refineries and air conditioning systems.




Scale & Corrosion Inhibition Performance

CaCO ₃ inhibition	CaSO ₄ inhibition	BaSO ₄ inhibition	Silicate inhibition
Excellent	Very good	Good	Good
Calcium tolerance	Clay/Silt Dispersion	Thermal Stability	Iron Oxide Dispersion
Excellent	Very good	Excellent	Very Good

Package & Storage

25L Drum	Bulk Bag
	
Storage for 10 months in shady room and dry place.	

Hazard & Safety Precaution

Hazard Information	Safety Precaution
Not regulated	  
Once contacted with eye and skin, flush with plenty of clean water.	

Alternative Name / Synonyms

- PAAS;
- POLY(ACRYLATE SODIUM);
- Polyacrylic Acid Sodium Salt;
- Poly(acrylic acid sodium salt);2-Propenoic acid, homopolymer, sodium salt
- 2-Propenoic acid,
- homopolymer,
- sodium salt