



Product Data Sheet

CINAGOS SP

INCI: Sodium Polyacrylate

EC (EINECS): -

Description

- Rheology Modifier - Thickening agent for aqueous solutions.
- Effective agent for emulsion stabilization with emulsifying properties

Test	Specification	Unit
Mesh size	~150	microns
Active content	> 85	%
pH (1% solution)	5.0-8.0	
Viscosity (1% solution)	4500-7500	cps

Only the data displayed in this document shall constitute the agreed contractual quality of the product. Data reported in other product related documents (e.g. MSDS, Marketing brochures etc.) are not intended to define the quality of the product. Conversely, Product Specification does not address product communication, human and/or environmental safety or socio-economical characteristics.

Delivery forms

- 25kg/bag, 25 bags/pallet

Physical form at 25°C

- At room temperature, the product is white powder form

Storage conditions

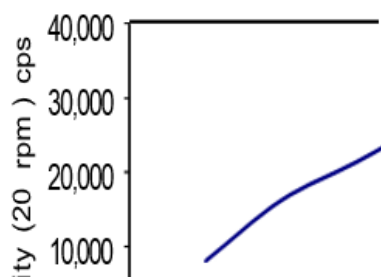
- Keep containers tightly closed in a dry, cool, and well-ventilated place, and keep away from direct sunlight.

Shelf life

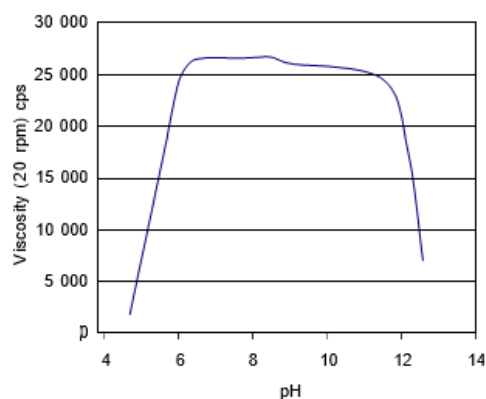
- 24 months

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Effect of concentration



Effect of pH (1% CINAGO SP)



Properties

Rheology modifier

CINAGOS SP is a thickening agent for aqueous solutions. These solutions are pseudoplastic and non thixotropic. The gel structure is easily broken-down by shear, and comes back to its initial value.

Effect of temperature

CINAGOS SP do not show significant changes in viscosity and stability at high temperature.

Emulsifying agent

CINAGOS SP allows the formulation of highly stable O/W emulsions regardless of the oil phase and the HLB value are.

Stabilising agent

CINAGOS SP is an effective agent for emulsion stabilisation and stable suspension of solid particles.

Applications

Hair care products (conditioners), skin care products (creams, lotions, make-up remover, sunscreen products...)

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