

## 1 – Product Identification

Product name	Polacril Disp
INCI Name	Acrylates copolymer
General product information	Anionic thickening agent for aqueous solution in a wide range of pH (5-12). Easy to use water dispersion containing 30% of acrylic polymer.
Applications	Polacril Disp is ready to be used as gelling agent and rheology modifier in any kind of cosmetic formulations, including hydro-alcoholic blends and in combination with surfactants. It tolerates very well the presence of different salts. It is pH-dependent.
Use	Polacril Disp can be dosed directly to acidic water without previous dilution or diluted in any proportion under very slow stirring. For the production of clear hydro-alcoholic gels, the solution has to be neutralized at pH 6,5 with a basic reagent (TEA), improving viscosity and transparency.
Maximum recommended dosages	The dosage of Polacril Disp depends on the type of formulation and the final desired viscosity.  For hydro alcoholic gel: 8-10%

## 2 – Analytical Specification

	Units	Limits
Appearance		White Milky Liquid
pH		2,1 - 4
Solid content	%	29 - 31
Viscosity	cps	< 100

## 3 – Other typical values

	Units	Limits
Density	g/cm <sup>3</sup>	1,1
Viscosity at 1%	cps	4.000 – 7.000

## 4 – Handling

Packaging	25 Kg – 200 kg – 1.000 kg
Storage	Store in the original sealed containers in a dry place, protected from light and heat sources.
Shelf-life	9 months from the production date, in the original sealed containers.
Safety	Take the usual precaution when handling a chemical compound. Avoid to get in contact with eyes, skin or clothes.

## 5 - Disclaimer

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