

# Technical Information

Current version 0.0  
27/02/2024

derypol

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## HYGEL CL2800

Product for cosmetic compositions

### DESCRIPTION

**Acrylic monomers polymer in aqueous emulsion**

INCI Name\*: Acrylates copolymer

\*The composition breakdown is available in the General Statement

### CHARACTERISTICS

Appearance	: White milky liquid
Density	: 1.1 g/cm <sup>3</sup>
pH	: 2.1 – 3.2
Viscosity	: < 100 cP (Viscosity 2% commercial product, pH 6.8-7.2: 500-1000 cP)
Percent Solids	: 27.5 – 28.5 %
Shelf life	: We recommend not keeping the product for more than 9 months.

*Note: The parameters indicated here are not necessarily the specifications of the product. These will be agreed with each customer and will be part of the contract that must be respected for each batch supplied.*

## APPLICATION

- It can be dosed directly without previous dilution, or diluted in water for any proportion.
- It is recommended applying the product in an acid media, always before adjusting the pH, in the beginning of the formulation.

## BENEFITS

- Anionic thickening agent for aqueous solution in a wide range of pH (5-12). It tolerates very well the presence of different salts in the composition (sodium chloride, magnesium chloride, etc.). It is pH - dependant.
- It can work alone or combined with surfactants in cosmetic formulations.
- Product easy to handle, and easy to dissolve. It is necessary adjusting pH by adding some basic reagent to make its dissolution complete.

## STORAGE AND DISTRIBUTION

- The product should be kept in a covered place, the container tightly closed, protected from sunlight and within the temperature range recommended in Section 7 of the Safety Data Sheet.
- Once the container is open, avoid contamination with any other water based product and/or with strong bases. Check the Material Safety Data Sheet.
- Take the habitual precautions when handling a chemical product. Avoid the product to contact with the eyes, skin or clothes.
- There is a great variety of containers. Check with our Customer Service in order to choose the most convenient one.

## REGULATORY

Consult our technical staff in case of any doubt.