

**Patent applications for hair and skin care use, comprising a polymer base.**

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Styling gel composition prepared by mixing Acudyne® polymers by Rohm and Haas a thickener, tripropylene glycol or Sorbitol or a sulfonated polymer such as Hostacerin by Clariant®

All ingredients in the examples are calculated on 100% weight basis. In a glass beaker at room temperature, add the water (Eau), glycerin or sorbitol, mix to homogenize. Add the Hostacerin® and mix to homogenize. In case of using Carbopol® as thickener, disperse the powder with strong agitation until homogeneous use aminomethylpropanol or sodium hydroxide to neutralize the mix to pH 5 to 7. Lastly, add Acudyne® and mix to homogenize. Add perfume and biocides.

Example 1.

Ingrédients	Teneurs
Copolymère (méth)acrylates / hydroxyester de (méth)acrylates (1)	3 %
Poly(acide 2-acrylamido 2-méthylpropane sulfonique) réticulé et neutralisé par de l'ammoniaque (2)	2 %
Glycérine	3 %
Conservateurs, neutralisants, parfums	qs
Eau	qsp 100%

(1) commercialisé sous la dénomination ACUDYNE DHR par la société ROHM & HAAS.

(2) commercialisé sous la dénomination HOSTACERIN AMPS par la société CLARIANT.

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Example 2.

Ingrédients	Teneurs
Copolymère (méth)acrylates / hydroxyester de (méth)acrylates (1)	3 %
Homopolymère d'acide acrylique (2)	1,5 %
Sorbitol	4 %
Conservateurs, neutralisants, parfums	qs
Eau	qsp 100%

(1) commercialisé sous la dénomination ACUDYNE DHR par la société ROHM & HAAS.

(2) commercialisé sous la dénomination CARBOPOL ULTREZ-10 par la société NOVEON.

Example 3.

Ingrédients	Teneurs
Copolymère (méth)acrylates / hydroxyester de (méth)acrylates (1)	3 %
Poly(acide 2-acrylamido 2-méthylpropane sulfonique) réticulé et neutralisé par de l'ammoniaque (2)	2 %
Glycérine	3 %
Conservateurs, neutralisants, parfums	qs
Eau	qsp 100%

(1) commercialisé sous la dénomination ACUDYNE DHR par la société ROHM & HAAS.

(2) commercialisé sous la dénomination HOSTACERIN AMPS par la société CLARIANT.

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