



Refreshing Feel – Hair Styling Gel

A clear hair gel with a unique jelly-like texture and minimal pick-up related to the use of the rheology modifying agent, **Aculyn™ 28**.

Acudyne™ 1000 Hair Styling Polymer provides outstanding hold and style durability, with excellent humidity resistance. The **AMP-ULTRA™ PC 2000** neutralizing polymer demonstrates a higher percentage of curl retention over time when compared with other classical neutralizing agents. With **AMP-ULTRA™ PC 2000**, formulators can create a hair care product that helps to hold a hair style, even during extreme humidity.



	Trade name	INCI name	Supplier	%
A	1 Water	Water (Aqua)	Univar*	70
	2 Acudyne™ 1000	Acrylates/Hydroxyesters Acrylates Copolymer	Dow Personal Care / Univar*	4.44
	3 AMP-Ultra™ PC 2000	Aminomethyl Propanol	Dow Chemical / Univar*	0.47
B	4 Water	Water (Aqua)	Univar*	19.77
	5 Aculyn™ 28	Acrylates/Beheneth-25 Methacrylates Copolymer	Dow Personal Care / Univar*	4.70
C	6 Kem Plus 2	Phenoxyethanol and Iodopropyl Butylcarbamate	Akema Fine Chemicals/ Univar*	0.5
D	7 AMP-Ultra™ PC 2000	Aminomethyl Propanol	Dow Chemical / Univar*	0.12

* Please contact your regional Univar sales representative to ensure that mentioned products are distributed in your country.

Procedure

1. Mix Acudyne™ 1000 with water of phase A.
2. Add droplet by droplet AMP-Ultra™ PC 2000 until previous solution becomes clear.
3. Gradually add phase B into phase A whilst gently mixing.
4. Add phase C into phase A/B whilst gently stirring until it becomes homogeneous.
5. Adjust pH to 7.5 with AMP-Ultra™ PC 2000 if needed.

Stability

Stable for at least 1 months at room temperature (RT) and 40°C (still ongoing)

Comments

- Clear gel associated with a jelly texture and minimal pick-up.
- Formula inspired from the reference 050312.B(U) launched at InCosmetics 2012
- Viscosity: 95 000 mPa.s +/- 10 000 mPa.s (Brookfield RVDV-II+ Pro, spindle n°6, 6 rpm, 1 min).
- pH = 7.3

Reference: 090315.CM(U)-A

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