

Flawless Sculpt Precision Hair Gel

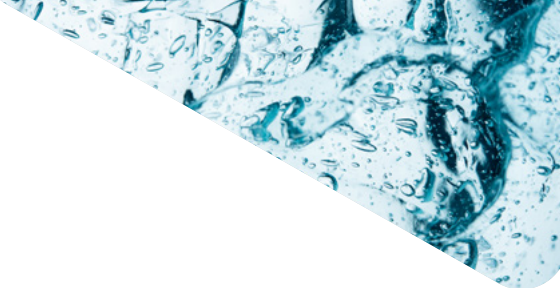
Aspire to become the new IT influencer: imagine, create and fix your hairstyle. With extreme hold and easy application, you can sculpt any look from casual to extravagant, rebellious or elegant. Suitable for all hair types, non-sticky and non-flaky texture, adopt and adapt the red carpet allure.

ACUDYNE™ 180 Hair Styling Polymer: hair styling polymer that allows formulators to achieve various levels of hair holding in products, is non-tacky and can also be used in sprayable formulas.

Satiagel™ VPC 512: natural and ethical, COSMOS approved carrageenan polymer. Gelling agent specially designed for hair styling application. Provides consistency and smooth application. Reinforces the styling effect of the product.

AMP-ULTRA™ PC 2000: safe multifunctional additive. Neutralizes fixative resins and improves their efficiency by providing better humidity resistance and curl retention.

L-Proline: amino acid with nice skin and hair conditioning properties. May also promote hair growth.



Trade name	INCI name	Function	Supplier	%
Phase A				
	Glycerin	Humectant, vegetable origin	Univar Solutions*	8.0
Satiagel™ VPC 512	Carrageenan	Texturing agent, styling polymer, COSMOS approved	Cargill / Univar Solutions*	2.5
Phase B				
	Water (Aqua)	Solvent	Univar Solutions*	Q.S: 65.24
Phase C				
	Water (Aqua)	Solvent	Univar Solutions*	13.65
Meritol® 160	Sorbitol	Humectant	Univar Solutions*	7.0
L-Proline	Proline	Hair and skin conditioner	Evonik / Univar Solutions*	0.3
Kem EHG	Phenoxyethanol, Ethylhexylglycerin	Preservative	Akema / Univar Solutions*	1.0
ACUDYNE™ 180 Hair Styling Polymer	Acrylates/Hydroxyesters Acrylates Copolymer	Hair fixative polymer	Dow / Univar Solutions*	2.0
Phase D				
AMP-ULTRA™ PC 2000	Aminomethyl Propanol	Multifunctional additive: neutralizing agent with styling benefit	ANGUS® / Univar Solutions*	0.16
Phase E				
Matcha Ginger Y158351	Fragrance	Fragrance	Kao Fragrances / Univar Solutions*	0.15

Procedure (Hot Process)	Stability	Comments
<ol style="list-style-type: none"> 1. Prepare phase A and mix until homogeneous 2. Heat phase B until 75°C 3. Add phase A to phase B while mixing with a saw tooth propeller until homogeneous 4. Weight phase C ingredients while stirring 5. Slowly add phase D to phase C until solution becomes clear (around pH 8) 6. Under medium agitation, slowly add phase CD to phase AB 7. Once temperature of phase ABCD is under 35°C, add phase E and mix until homogeneous 8. Pour immediately into container 	<p>Stable at least 3 months at 4°C, RT and 40°C.</p>	<ul style="list-style-type: none"> • pH = 8.01 • Viscosity (spindle 6; 1 rpm; 1 min) = 403,100 cPs (43.30%) • Application: Take a small quantity of gel and spread the product by rubbing it on fingers tips. Style your hair by adding product where needed. • Yellowish jelly-like transparent gel

Campaign: **Awestruck** | IT3118 21 | Issued by: **Univar Solutions' EMEA BPC Laboratory in Cusago, Italy**

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