

Clear Hair Gel

A crystal clear hair gel suitable for any style. With **Cetpro Style AMPS** for humidity resistance. Gives all day long-lasting flexible hold.

Directions for use: Apply evenly to damp or dry hair. Work through the hair from roots to ends. Mould into shape and leave to dry naturally or heat style as usual.

Trade Name	INCI Name	Function	%W/W	Supplier
1 Water	Aqua	Solvent	91.55	
2 Versene Na2	Disodium EDTA	Chelating agent	0.05	Dow Chemical
3 Cetpro Thix Carbomer FD	Carbomer	Thickener	1.5	ProTec Ingredia Ltd
4 AMP Ultra PC 2000	Aminomethyl Propanol	Neutraliser	1.5	Surfachem
5 Cetpro Style AMPS	Methacrylic acid/sodium acrylamido methyl propane sulfonate copolymer	Styling Resin	5	ProTec Ingredia Ltd
6 Glydant liquid	DMDM Hydantoin	Preservative	0.4	Lonza

Method of Manufacture

Into the main vessel add:

Purified Water	Start the mixer on a moderate fast speed.
Disodium EDTA	Mix until dissolved.
Cetpro Thix Carbomer FD	Mix until uniform and no large lumps remain. Switch off the mixer and allow any air to dissipate from the batch. Change to a gate or paddle mixer blade. Turn the mixer down to a very slow speed.
AMP Ultra PC 2000	Mix for 1 hour or until the bulk becomes thick, clear, homogenous & with no visible lumps.
Cipro Style AMPS	Mix until homogenous avoiding aeration.
Glydant [®] Liquid	Mix until homogenous avoiding aeration.

Check the product specifications.

Product Specifications

pH	6.50 - 7.00
Viscosity	250,000 - 400,000 RVT TBAR F Speed 0.6 for 1 minute
Colour	Colourless
Appearance	Clear, viscous gel with a small number of suspended air bubbles.

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