

Shaping Gum with Cetpro Style AMPS

Sculpt your hair into any style. Spikey or smooth, messy & textured. For curly hair scrunch into curls. Gives you long-lasting super firm hold.

Directions for use: Use on dry or towel dry hair. Rub a small amount of product between the fingers, rub into the palms and distribute evenly through the hair.

	Trade Name	INCI Name	Function	%W/W	Supplier
1	Purified Water	Aqua	Solvent	31.85	
2	Versene Na2	Disodium EDTA	Solvent	0.05	Dow Chemical
3	PVP K-30	PVP	Styling Resin	3	IMCD (Ashland)
4	Luviskol® VA 64 W	VP/VA Copolymer	Styling Resin	20	Corneilius (BASF)
5	Euxyl® PE 9010	Phenoxyethanol, Ethylhexylglycerin	Preservative	1.1	Schülke UK
6	Lanolin Wax	Lanolin Wax	Structurant	10	NK Ingredients PTE Ltd
7	Lanolin Alcohol DAG	Lanolin Alcohol	Structurant	4	NK Ingredients PTE Ltd
8	Polawax GP200	Cetearyl Alcohol (and) Peg-20 Stearate	Emulsifier	7	Croda
9	Petroleum Jelly	Petrolatum	Emollient	15	Azelis
10	Cetpro Style AMPS	Aqua (and) Methacrylic acid/sodium acrylamido methyl propane sulfonate copolymer (and) Sodium Benzoate	Styling Resin	7	ProTec Ingredia Ltd
11	Novemer™ EC-1 Polymer	Acrylates/Acrylamide Copolymer (and) Mineral Oil (and) Polysorbate 85	Rheology Modifier	1	Surfachem (Lubrizol)

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Website: www.protecingredia.com

Registered in London No. 07517784 VAT No. GB 100 2120 14

Method of Manufacture

Into the main vessel add:

Purified Water	Start the mixer on a moderate fast speed.	
Disodium EDTA	Mix until dissolved.	
PVP	Mix until uniform.	
VP/VA Copolymer	Mix until uniform.	Reduce mixer speed to slow.
Euxyl® PE 9010	Mix until uniform.	Commence heating to 80C.

Into a suitably sized premix vessel add:

Lanolin Wax		
Lanolin Alcohol DAG		
Polawax GP200		
Petroleum Jelly		Commence heating to 80C.

When both vessels are 80C add the premix vessel into the main vessel:

Increase the mixer speed to fast and mix for 10 minutes maintaining the temperature 80C.

Into the main vessel add:

Cetpro Style AMPS	Mix until dispersed and no lumps remain.	
Novemer™ EC-1 Polymer	Mix until dispersed and no lumps remain, the product will thicken up at this stage.	
		Commence cooling the batch to 50C.

Reduce the mixer speed to moderate slow.

Adjust the mixer speed accordingly as the batch cools and thickens ensuring adequate batch turnover.

When the bulk reaches 50C pack into suitable packaging.

Product Specifications

pH	5.80-6.30
Viscosity	N/A
Colour	Pale yellow
Appearance	Solid opaque putty/clay

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