

Chesham Speciality Ingredients Hair Remix Paste

Formula# ICM04001

	Ingredient	INCI Name	%w/w	Function
1	Purified Water	Aqua	73.29	Solvent
2	HydreCel 202	Hydroxypropyl Guar	0.25	Thickener
3	Citric Acid	Citric Acid	0.01	pH adjuster, aid for Guar hydration
4	Organic Glycerin	Glycerin	5	Humectant
5	Haisugarcane BG	Butylene Glycol	5	Humectant
6	PEG-90M	PEG-90M	0.1	Rheology Modifier
7	HydreCel K30W (30%)	PVP	5	Styling Resin
8	Aculyn 22	Acrylates/Steareth-20 Methacrylate Copolymer	1.65	Rheology Modifier
9	Candelilla Wax	Candelilla Wax	2	Structure Aid
10.	Cetearyl Alcohol	Cetearyl Alcohol	3	Emulsifier
11.	Emulpharma 165	PEG-100 Stearate, Glyceryl Stearate	3	Emulsifier
12.	PEG-150 Distearate	PEG-150 Distearate	0.3	Emulsifier
13.	Sodium Hydroxide 30%	Sodium Hydroxide	0.6	pH Adjuster
14.	Phenoxyethanol	Phenoxyethanol	0.8	Preservative

Method of Manufacture

- A. Into the main vessel add 80% of 1. Set the stirrer on a high speed and slowly add 2, avoiding clumping. Stir until uniform
- B. Add 3, which will cause the product thicken
- C. In a separate vessel, add 20% of 1. Set the stirrer on a high speed and slowly add 5, avoiding clumping, and mix until completely dispersed
- D. Add the premix (step C) into the main vessel with moderate stirring
- E. Add 3, 4 and 6 with moderate stirring and mix until uniform
- F. Add 7 and stir until dispersed
- G. In a separate vessel add 8, 9, 10 and 11. Heat this premix to 75C
- H. Heat the main vessel to 75C
- I. Add the premix (step G) to the main vessel with rapid stirring, continuing to mix for 10 minutes
- J. Add 13 and stir until uniform
- K. Add 12 with continued stirring
- L. Cool down to 50C with continued stirring
- M. Pour into a suitable pack

Product Specification

Appearance	Solid thick paste/gel
Colour	Off White
pH	6.5 – 7.5
Viscosity	N/A