

1209 - Strong Hold Styling Gel (100.00g)

Ingredient	Function	Percent	Wgt (g)	Wgt (oz)	Vol (tsp.)
Phase A					
Distilled Water (aqua)	Diluent	58.80	58.80	2.07	11.76
Carbomer 940 (carbomer)	Thickener	0.70	0.70	0.02	0.14
Propanediol 1,3 (propanediol)	Humectant	1.00	1.00	0.04	0.20
Phase B					
Distilled Water (aqua)	Diluent	30.00	30.00	1.06	6.00
HairFix Powder (VP/VA copolymer)	Styling Agent	4.00	4.00	0.14	0.80
PVP (polyvinylpyrrolidone)	Styling Agent	2.00	2.00	0.07	0.40
Triethanolamine (triethanolamine)	ph Adjuster	0.90	0.90	0.03	0.18
Blue No. 1 FD&C Lake (CI 42090 [blue no. 1 FD&C lake])	Colorant	0.05	0.05	0.00	0.01
Phase C					
PEG-8 Dimethicone (PEG-8 dimethicone)	Emollient	0.50	0.50	0.02	0.10
Caprylyl Glycol EHG (caprylyl glycol, ethylhexylglycerin)	Antimicrobial	1.00	1.00	0.04	0.20
Citrus Combo (glycerin, citric acid, lactic acid, L-ascorbic acid, didecylidimonium chloride)	Antimicrobial	1.00	1.00	0.04	0.20
Benzophenone-4 (benzophenone-4)	Color Protector	0.05	0.05	0.00	0.01

Method

Blend phase A well, using a immersion stick blender or homogenizer, until Carbomer is dissolved. In a separate vessel mix water and blue1 until blue is dissolved. Then add other ingredients from phase B with continued mixing. (using an immersion stick blender or homogenizer). Add phase B to phase A with continued mixing until uniform. Add phase C to phase A/B and blend well. If a thicker consistency is required adding a higher amount of Carbomer will increase viscosity. TEA may need to be increase as well (ideal thickening pH 6-7.5.)

Properties

Hair Gel with a strong hold, delivers stiffness with a durable hold. Apply to hair and create style.