



NATURAL LOOK GEL

LAMCOS 262

Phase	Inci name	Trade name	% w/w
A1	Aqua (Water)		To 100
A2	Ethanol		5.0
A3	Sorbitol (70% a.m.)		2.5
A4	Hydroxypropyl Guar	ESAFLOR® 4W	1.0
A5	Guar Hydroxypropyltrimonium Chloride	ESAFLOR® STYLE	1.0
A6	Citric Acid, 20% soln.		To pH ~ 5.5
B1	Parfum (Fragrance)		0.5
B2	PEG-40 Hydrogenated Castor Oil (and) Trideceth-9 (and) Water.	ALPICARE NS	1.0
C1	Preservatives		q.s.
C2	Citric Acid, 20% soln.		To pH 4-5

Manufacturing Procedure:

In the main vessel add ingredients A1-A3. Add A4 and A5 under vigorous stirring, then adjust pH to ~ 5.5 and keep stirring for ~ 20' to ensure the complete hydration of the polymers. In a support vessel, premix B1 and B2, then add into the main vessel. Add C1, stirring until homogeneous. Adjust pH to ~ 4-5 with a citric acid solution.

General Characteristics:

Appearance: viscous liquid

pH : ~ 4-5

Viscosity (Brookfield RVT+ elipath, 10 rpm, 25°C) : ~ 10000 mPa*s

Main Features:

Hair styling gel, for a natural look.

ESAFLOR® STYLE is a bio-based polymer, specifically designed for eco-conscious styling products. It provides long-lasting hold in any weather and impressive hair texture for a natural, lightweight finish. Based on guar gum, a renewable and eco-friendly backbone, ESAFLOR® STYLE has a high Natural Origin Index (ISO 16128).