



Reference Formula

Created Date: 2019/07/03.
Last Save Date: 6/12/20 10:00 AM

塑型髮蠟(Polyox 301 0.05%)

EP-HC-S-0029A_V1

FORMULA

Phase	Ingredient (Trade Name)	Ingredient (INCI Name)	% By Weight	Function
O	ERCAMULS LF 65 V/FD¹⁴	Glyceryl Stearate_PEG-100 Stearate	3.50%	Emulsifier
	FATTY ALCOHOL 1618-01¹⁴	Cetyl Stearyl Alcohol	3.00%	Thickener
	PMX-200 Silicone Fluid 100 cSt¹	Dimethicone	2.00%	Emollient
	Paracera™ P¹¹	Paraffin	3.00%	Thickener
	Paracera™ W80¹¹	Paraffin; Cera Microcristallina	2.00%	Thickener
	Paracera™ L¹¹	Cera Microcristallina	7.00%	Thickener
	ERCAREL IPP V¹⁴	Isopropyl Palmitate	2.50%	Emollient
	Panalene H -300 E ^B	Hydrogenated Polyisobutene	9.00%	Emollient
W	P.P	Propyl Paraben	0.10%	Preservative
	ACULYN 44 Polymer¹	PEG-150/Decyl Alcohol/SMDI Copolymer	2.50%	Thickener/ Co-Emulsifier
	D.I Water	D.I Water	51.05%	
A	M.P	Methyl Paraben	0.15%	Preservative
	1% POLYOX WSR-301¹	PEG-90M	5.00%	Skin feel modifiers
B	PMX-0245 Cyclopentasiloxane¹	Cyclopentasiloxane	3.00%	Emollient
C	Alcohol	Alcohol	6.00%	
D	Aquarius ¹⁶	Perfume	0.20%	Fragrance

Suppliers: 1. Dow Chemical; 14. Erca Wilmar; 11. Paramelt; 16. Lothar Streeck; B. Lipo Chemicals

PROCEDURE

- Phase O is heated to dissolve, phase W is evenly dispersed by homogenizer.
- The phase O phase W is heated to 80-85°C. The phase W is added to the phase O homogenization to emulsify
- Add phase A ~ D was added one by one at a temperature below 50°C, homogenous dispersion.

SPECIFICATION

APPEARANCE	: White Cream
VISCOSITY	: approx. 37,080 ± 10% (44.5%) (RVDV-E, RV6, 12rpm, 3 min, 25°C)

Recommendations contained, herein this Reference Formula, are advisory only.

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pH : approx. 5.65 ± 0.5 (25°C)

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