



Reference Formula

Created Date : 7/16/2010 11:23 AM
Last Save Date : 12/7/2017 10:50 PM

Hair Conditioner Lotion

EP-HC-C-0028A_V1

FORMULA

Phase	Ingredients (Trade Name)	Ingredients (INCI Name)	% By Weight
A	D.I Water	D.I Water	55.55%
	HDK® D2012B	Aqueous dispersion of silica dimethyl silylate	0.35%
	<i>D-Panthenol (Vitamin B5) (DSM)</i>	<i>Panthenol</i>	<i>0.50%</i>
	<i>ESAFLOR EC3 (1% soln') (Lamberti)</i>	<i>Guar Hydroxypropyltrimonium Chloride</i>	<i>10.00%</i>
B	<i>PMX-0245 Cyclopentasiloxane (Xiameter)</i>	<i>Cyclopentasiloxane</i>	<i>10.00%</i>
	<i>PMX-200 Silicone Fluid 5 cSt (Xiameter)</i>	<i>Dimethicone</i>	<i>5.00%</i>
	<i>ERCAREL TCC V (Erca Wilmar)</i>	<i>Caprylic/Capric Triglyceride</i>	<i>5.00%</i>
	<i>PMX-1403 Fluid (Xiameter)</i>	<i>Dimethicone (and) Dimethiconol</i>	<i>5.00%</i>
C	<i>Viscolam AT 100 P (Lamberti)</i>	<i>Sodium Polyacryloyldimethyl Taurate (and) Hydrogenated Polydecene (and) Trideceth-10</i>	<i>2.00%</i>
D	<i>MEM-0949 Emulsion (Xiameter)</i>	<i>Amodimethicone and Cetrimonium Chloride and Trideceth-12</i>	<i>3.00%</i>
	<i>MEM-7137 Emulsion (Xiameter)</i>	<i>Dimethicone (and) Cocamidopropyl Betaine (and) C12-15 Pareth-3 (and) Guar Hydroxypropyltrimonium Chloride</i>	<i>3.00%</i>
E	Glydant Plus Liquid	DMDM Hydantoin (and) Iodopropynyl Butylcarbamate	0.30%
	Citric Acid (30% soln')	Citric Acid	0.30%

PROCEDURE

1. Prepare Phase A and Phase B separately.
2. Emulsify Phase A into Phase B while adding Viscolam AT 100P.
3. Then add Phase D under stirring.
4. Add Phase E and keep on stirring until a homogeneous emulsion is obtained.

SPECIFICATION

APPEARANCE	: White Cream	
VISCOSITY	: approx. 18,000 ± 1,000 CP	(LVT, Spindle 4, 12 rpm, 3 min, 25°C)
pH	: approx. 4.5 ± 0.5	(25°C)

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

4F-3, No. 100, Sec. 1, Jia Feng 11th Rd., Chupei, Hsin-Chu Hsien 30273, Taiwan, R. O. C.
TEL No. : 886-3-657-9279 FAX No. : 886-3-657-9278

Website : www.essence-plus.com E-MAIL : service@essence-plus.com

