



Reference Formula

Created Date : 6/27/2022 2:49 PM
Last Save Date : 6/27/2022 2:49 PM

Hair Softener

EP-HC-C-0031A_V1

FORMULA

Phase	Ingredients (Trade Name)	Ingredients (INCI Name)	% By Weight
A	D.I Water	D.I Water	36.40%
	<i>D-Panthenol (Vitamin B5) (DSM)</i>	<i>Panthenol</i>	<i>0.50%</i>
	<i>CELLOSIZETM Polymer</i>	<i>Hydroxyethylcellulose</i>	<i>15.00%</i>
	<i>PCG-10(Dow Corning) (2% soln')</i>	<i>Methyl Propanediol</i>	<i>2.00%</i>
	<i>LS Diol (Leasun)</i>	Behentrimonium Chloride	3.00%
	BTAC (30%)	<i>Guar Hydroxypropyltrimonium Chloride</i>	<i>20.00%</i>
	<i>ESAFLOR EC3 (1% soln') (Lamberti)</i>		
B	Olivem 1000	Cetearyl Olivatate & Sorbitan Olivatate	2.00%
	Oliwax	Hydrogenated Olive Oil & Olive Fruit Oil & Olive Oil Unsaponifiables	1.00%
	<i>FATTY ALCOHOL 1618-01 (Erca Wilmar)</i>	<i>Cetyl Stearyl Alcohol</i>	<i>1.00%</i>
	<i>ERCAREL AB (Erca Wilmar)</i>	<i>C12-C15 Alkyl Benzoate</i>	<i>15.00%</i>
	<i>Jojoba Oil Refined (ECO)</i>	<i>Simmondsia Chinensis (Jojoba) Seed Oil</i>	<i>3.00%</i>
	<i>dl-α-Tocopheryl Acetate (DSM)</i>	<i>Tocopheryl Acetate</i>	<i>0.50%</i>
C	Glydant Plus Liquid	DMDM Hydantoin (and) Iodopropynyl Butylcarbamate	0.30%
	D	<i>Orange Honey (Lothar Streeck)</i>	<i>Perfume</i>

PROCEDURE

1. Prepare Phase A and Phase B separately and heat to 70-75°C till all the ingredients melt.
2. Add Phase B to A under homogenizing for a couple of minutes. Then cool down under stirring.
3. Prepare Phase C separately.
4. Add Phase C to Phase A+B under stirring.
5. Add Phase D, with the temperature below to 40°C.

SPECIFICATION

APPEARANCE	: White Lotion	
Viscosity	: approx. 40,750 ± 1,000 CP	(RVDV-E,T-C, 12 rpm, 3 min, 25°C)
pH	: approx. 3.5 ± 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





Reference Formula

Created Date : 6/27/2022 2:49 PM
Last Save Date : 6/27/2022 2:49 PM

The information given in this publication is based on our current knowledge and experience and maybe used at your discretion and risk. It does not relieve you from carrying out your own precautions and tests. We do not assume any liability in connection with your product or its use. You must comply with all applicable laws and regulations and observe all third party rights.

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

