



Reference Formula

Created Date: 11/11/20 5:00 PM
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海洋友善物理防曬 (SPF 79.01★★★★)

EP-SC-LWO-0015A_V1

FORMULA

Phase	Ingredient (Trade Name)	Ingredient (INCI Name)	% By Weight	Function
O1	ES-5300 Formulation Aid¹	Lauryl PEG-10 Tris(trimethylsiloxy)silylethyl Dimethicone	4.00%	Emulsifier /Dispersant
	HallBrite®BHB³	Butyloctyl Salicylate	6.00%	Dispersant /SPF booster
	PMX-1184 Silicone Fluid¹	Dimethicone and Trisiloxane	4.00%	Emollient
	FZ-3196 Volatile Alkyl Methyl Siloxane Fluid¹	Caprylyl Methicone	8.00%	Emollient
	PMX-200 Silicone Fluid 5.0 cSt¹	Dimethicone	3.00%	Emollient
	DOWSIL™ 556 Cosmetic Grade Fluid¹	Phenyl Trimethicone	2.00%	Emollient
	Parsol TX²	Titanium Dioxide, Silica, Dimethicone	10.00%	UV Filter
	Parsol ZX²	Zinc Oxide, Triethoxycaprylylsilane	3.00%	UV Filter
O2	VALVANCE™ Touch 210²	Silica	1.00%	Skin feel modifiers
	STEPANQUAT® Helia¹³	Disunfloweroylethyl Dimonium Chloride (and) Sunflower Seed Oil Glycerides (and) Lauryl Lactyl Lactate	2.00%	Dispersant /SPF booste
W1	D.I Water	D.I Water	Up to 100%	Water
	NaCl	Sodium Chloride	1.00%	Thickener
	Glycerine	Glycerine	5.00%	Moisturizer
	NaOH(30%)	Sodium Hydroxide	Q.S.	pH Adjuster
A	3901 Liquid Satin Blend¹	Dimethicone (and) Dimethicone/ Vinyl Dimethicone Crosspolymer	1.00%	Skin feel modifiers
	Preservative Five Star Deluxe¹⁶	Preservative Perfume	Q.S. 0.10%	Preservative Fragrance

Suppliers: 1. Dow Chemical; 2. DSM; 3. HallStar; 16. Lothar Streeck.

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.

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





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PROCEDURE

1. Prepare Phase O1.
2. Add Phase O2 into main tank.
3. Premix Phase W1 and adjust pH value to 7.3.
4. Add Phase W1 to Phase O1+O2, under stirring.
5. Add Phase A into the main tank in order.

SPECIFICATION

APPEARANCE : Lotion

VISCOSITY : approx. $2,585 \pm 10\%$ (51.7%) (RVDV-E, Spindle RV-3, 20 rpm, 3 min, 25°C)

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