



Reference Formula

Created Date: 11/11/20 5:00 PM
Last Save Date: 6/22/21 12:20 PM

海洋友善化學防曬 (1789+Shield+HMS+EHT+Max)

EP-SC-LOW-0079A_V1

FORMULA

Phase	Ingredient (Trade Name)	Ingredient (INCI Name)	% By Weight	Function
W1	D.I Water	D.I Water	Up to 100%	Water
	Xanthan Gum	Xanthan Gum	0.20%	Thickener
	CELLOSIZETM	Hydroxyethyl cellulose	0.10%	Thickener
	Polymer PCG-10¹			
	TILAMAR® PDO with Propanediol	Propanediol	5.00%	Moisturizer
	NØØVISTA™²			
	EDTA-2Na	Edetate Disodium	0.05%	Chelating Agent
O1	Amphisol K²	Potassium Cetyl Phosphate	3.00%	Emulsifier
	ERCAMULS LF 65 V/FD¹⁴	Stearate/PEG-100 Stearate	1.00%	Co-emulsifier
	FATTY ALCOHOL 1618-01¹⁴	Cetyl Stearyl Alcohol	1.50%	Thickener
	ERCAREL AB¹⁴	C12-C15 Alkyl Benzoate	4.00%	Solvent
	Parsol 1789²	Butyl Methoxydibenzoylmethane	3.00%	UV Filter
	PARSOL® Shield²	Bis-Ethylhexyloxyphenol	3.00%	UV Filter
		Methoxyphenyl Triazine		/ Solvent
	Parsol HMS²	Homosalate	5.00%	UV Filter
				/ Solvent
	PARSOL® EHT²	Ethylhexyl Triazone	2.00%	Dispersant
	2503 Cosmetic Wax¹	Stearyl Dimethicone (and) Octadecene	1.50%	/SPF booster Emollient
	PMX-200 Silicone Fluid 100 cSt¹	Dimethicone	1.00%	Emollient
W2	D.I Water	D.I Water	2.00%	Water
	PARSOL® Max²	Methylene Bis-Benzotriazolyl Tetramethylbutylphenol	2.00%	UV Filter
A	VALVANCE™ Touch 210²	Silica	1.00%	Skin feel modifiers
	Perfume	Perfume	0.10%	Fragrance
	Preservative	Preservative	Q.S.	Preservative

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: 11/11/20 5:00 PM
Last Save Date: 6/22/21 12:20 PM

Suppliers: 1. Dow Chemical; 2. DSM; 14. ErcaWilmar

PROCEDURE

1. Prepare Phase W1 and O1 separately, and heat to 70-75 °C.
2. Add Phase W1 to O1 under stirring until homogenizing.
3. Add Phase W2 and Phase A into the main tank after cooling (<40 °C).
4. Mix well.

SPECIFICATION

APPEARANCE	: Pale yellow cream
PH VALUE	: approx. 6.10 ± 10%
VISCOSITY	: approx. 8540 ± 10% (42.7%) (RVDV-E, RV5, 20 rpm, 3 min, 25°C)
SPF	: 74.32
BOOTS STAR RATING	: ★★★★★

The information given in this publication is based on our current knowledge and experience and may be 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 right.

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

