



Reference Formula

Sample preparation date: 2023/12/15

礁護作用防曬乳

M231215-1

Description: In line with the concept of ocean friendliness, we promote fully mineral sunscreen to strike a balance between environmental friendliness and skin protection, and add **Sharomix™ Amplify AM25** for effective microbial protection. In order to avoid the heavy and greasy skin feel, we use **FZ-3196 Volatile Alkyl Methyl Siloxane Fluid** and **PMX-200 Silicone Fluid 5.0 cSt** to make the lotion light.

FORMULA

Phase	Ingredient (Trade Name)	Ingredient (INCI Name)	% By Weight	Function
O1	ES-5300 Formulation Aid ¹	Lauryl PEG-10 Tris(trimethylsiloxy)silyl ethyl Dimethicone	4.00	Emulsifier/ Dispersant
	ERCAREL TCC V ¹⁴	Caprylic/Capric Triglyce ride	6.00	Emollient
	FZ-3196 Volatile Alkyl Methyl Siloxane Fluid ¹	Caprylyl Methicone	8.00	Emollient
	PMX-200 Silicone Fluid 5.0 cS t ¹	Dimethicone	6.00	Emollient
	Parsol TX ²	Titanium Dioxide, Silic a, Dimethicone	10.00	UV Filter
	Parsol ZX ²	Zinc Oxide, Triethoxyca prilylsilane	3.00	UV Filter
	D.I Water	D.I Water	Up to 100%	Water
W1	NaCl	Sodium Chloride	1.00	Thickener
	NaOH(30%)	Sodium Hydroxide	Q.S	pH Adjuster
A	EcoSmooth™ Rice Husk Cos metic Powder ¹	Silica	1.00	Skin feel modifiers
B	Sharomix™ Amplify AM25 ²⁵	Phenoxyethanol (and) Chlorphenesin (and) Ca pryl Glycol (and) Did ecyldimonium Chloride	0.80	Preservative
C	Perfume	Perfume	Q.S	Fragrance

Supplier: 1.DOW; 2.DSM; 25.SHARON

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

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PROCEDURE

1. Prepare Phase O1 and W1 separately.
2. Pour W1 into O1 slowly and stir until the lotion forms.
3. Add phase A, B, C one by one.

SPECIFICATION

APPEARANCE	: White lotion	
VISCOSITY	: approx. 5060 \pm 10%	(RVDV-E, RV4, 20 rpm, 3 min, 25°C)
SPF and Star Rating	: SPF 90.10 ★★	
Boots		

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.

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