



Reference Formula

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爆水粉餅(5200+Helia)SPF 25★

EP-CC-F-0074A_V1

FORMULA

Phase	Ingredient (Trade Name)	Ingredient (INCI Name)	% By Weight	Function
W	D.I Water	D.I Water	50.80%	
	PG	Propylene Glycol	3.00%	Moisturizer
	NaCl	Sodium Chloride	0.85%	Stabilizer
	M.P	Methyl Paraben	0.15%	Preservative
	Niacinamide PC²	Niacinamide	0.20%	Active
	2511 Cosmetic Wax¹	Bis-PEG-18 Methyl Ether Dimethyl Silane	3.00%	Skin feel modifiers
O1	5200 Formulation Aid¹	Lauryl PEG/PPG-18/18 Methicone	2.50%	Emulsifier (W/O)
	PMX-0245 Cyclopentasiloxane¹	Cyclopentasiloxane	4.00%	Skin feel modifiers
	DOWSIL™ 556 Cosmetic Grade Fluid¹	Phenyl Trimethicone	5.00%	Emollient
	POW-711	pigment	8.00%	Pigment
	ERCAREL AB¹⁴	C12-C15 Alkyl Benzoate	4.00%	Emollient
	Parsol SLX²	Polysilicone-15	2.00%	UV Filer/Sunscreen Agent
	Parsol MCX²	Ethylhexyl Methoxycinnamate	4.00%	UV Filer/Sunscreen Agent
		Disunfloweroylethyl Dimonium Chloride (and) Sunflower Seed Oil Glycerides (and) Lauryl Lactyl Lactate	0.40%	
	STEPANQUAT® Helia¹³			Co-Emulsifier
	O2	P.P	Propyl Paraben	0.10%
Panalane®H-300E		Hydrogenated Polybutene	1.00%	Emollient
Kahlwax 2039 Y		Candelilla Wax	0.70%	Thickener(Oily)
2503 Cosmetic Wax¹		Stearyl Dimethicone (and) Octadecene	4.00%	Skin feel modifiers

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

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	AMS-C30 Cosmetic Wax ¹	C30-45 Alkyl Methicone and C30-45 Olefin	6.00%	Thickener(Oily)
A	Jana ¹⁶	Perfume	0.10%	Active
	BLUE Oléoactif ^{®3}	Glycine Soja (Soybean Oil (and) Polyglyceryl-3 Diisostearate (and) Oryza Sativa (Rice) Extract (and) Oryza Sativa (Rice) Germ Extract	0.10%	Active
	CLEAR Oléoactif ^{®3}	Camelina Sativa Seed Oil, Thymus Vulgaris Flower/Leaf/Stem Extract	0.10%	Active

Suppliers: 1. Dow Chemical; 2. DSM ; 3. Hallstar ; 13. Stepan; 14. ErcaWilmar ; 16. Lothar Streeck

PROCEDURE

1. Mix Phase W and Phase O1 separately.
2. Add Phase O1 into melted Phase O2 under stirring in 80°C water bath.
3. Slowly add 70~80°C Phase W into main tank.
4. Add Phase A slowly.
5. Pour into the vessel quickly before cool down.

(Stirring while the temperature below 60°C will break the emulsion. By that time, stirring under 80°C water bath for a while can rebuild the emulsion)

SPECIFICATION

APPEARANCE	: Skin color Solid	
VISCOSITY	: approx. ± 10%	(RVDV-E, RV5, rpm, 3 min, 25°C)
pH	: approx. ± 0.5	(25°C)

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