



# Reference Formula

Sample preparation date: 8/18/21 3:41:09 PM

## 長效清透防曬霜\_Bio (SPF58.15\*\*\*\*)

Q210412-1

### FORMULA

Phase	Ingredient (Trade Name)	Ingredient (INCI Name)	% By Weight	Function	
O	Montanov S	Coco-Glucoside (and) Coconut Alcohol	3.50%	Emulsifier	
	<b>ERCAMULS LF 65 V/FD</b> <sup>14</sup>	<b>Glyceryl Stearate PEG-100 Stearate</b>	<b>1.00%</b>	Co-Emulsifier	
	<b>CETYL-STEARYL ALCOHOL (FAL1618)</b> <sup>14</sup>	<b>Cetyl Stearyl Alcohol</b>	<b>1.00%</b>	Thickener	
	<b>Parsol HMS</b> <sup>2</sup>	<b>Homosalate</b>	<b>5.00%</b>	UV Filtert	
	<b>Parsol 1789</b> <sup>2</sup>	<b>Butyl Methoxydibenzoylmethane</b>	<b>3.00%</b>	UV Filtert	
	<b>PARSOL® Shield</b> <sup>2</sup>	<b>Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine</b>	<b>3.00%</b>	UV Filtert	
	<b>Parsol EHS</b> <sup>2</sup>	<b>Ethylhexyl Salicylate</b>	<b>6.00%</b>	UV Filtert	
	<b>FZ-3196 Volatile Alkyl Caprylyl Methicone Methyl Siloxane Fluid</b> <sup>1</sup>	<b>Alkyl Caprylyl Methicone</b>	<b>3.00%</b>	Emollient	
	<b>556 Cosmetic Grade Fluid Phenyl Trimethicone</b> <sup>1</sup>		<b>2.00%</b>	Emollient	
	<b>ERCAREL TCC V</b> <sup>14</sup>	<b>Caprylic/Capric Triglyceride</b>	<b>5.00%</b>	Emollient	
	<b>ERCAREL AB</b> <sup>14</sup>	<b>C12-C15 Alkyl Benzoate</b>	<b>3.00%</b>	Emollient	
	W	<b>SunSpheres™ BIO SPF Booster</b> <sup>1</sup>	<b>Microcrystalline cellulose</b>	<b>2.00%</b>	SPF Booster
		D.I Water	D.I Water	Up to 100%	
A	<b>9509 Silicone Elastomer Suspension</b> <sup>1</sup>	<b>Dimethicone/Vinyldimethicone</b>	<b>2.00%</b>	Skin feel Modifier	
		<b>Crosspolymer (and) C12-14 Pareth-12</b>			
B	<b>EPITEX™ 99 Polymer</b> <sup>1</sup>	<b>Acrylates Copolymer (and) Acrylates Polytrimethylsiloxymethacrylate Copolymer</b>	<b>2.00%</b>	Film-Forming	
C	Preservative	Preservative	q.s	Preservative	

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

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

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## PROCEDURE

1. Prepare phase W and Phase O separately and heat to 75°C.
2. Add phase W into phase O under stirring.
3. Add Phase A-C under stirring while the temperature below 40 °C.

## SPECIFICATION

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APPEARANCE : Cream

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