

Pure Gentle Sunscreen (F#: RB23030101)

OLP-6300 10% + Cellpolyid® UV ZINC OXIDE 4%

+ Cellpolyid® PMB-8100E 2%

Phase	Trade Name	INCI Name	Supplier	Dosage (%)
	ZZSIL® DM 1.5	DIMETHICONE		15.00
	KF-6105	LAURYL POLYGLYCERYL-3 POLYDIMETHYLSILOXYETHYL DIMETHIC		3.00
	TEGOSOFT-DEC	DIETHYLHEXYL CARBONATE		5.00
	ISOLAN GI 34	POLYGLYCERYL-4 ISOSTEARATE		0.50
A	OLP-6300 Cellpolyid® UV Attenuation Titanium Dioxide	TITANIUM DIOXIDE, POLYQUATERNIUM-51, STEARIC ACID, ALUMINUM HYDROXIDE	OLI	10.00
	Cellpolyid® UV ZINC OXIDE	Cellpolyid® UV ZINC OXIDE	OLI	4.00
	KSG-16	DIMETHICONE/VINYL DIMETHICONE CROSSPOLYMER		2.00
	WATER	WATER		加至100.00
	BUTYLENE CLYCOL	BUTYLENE CLYCOL		5.00
	Glycerin	Glycerin		4.00
B	MAGNESIUM SULFATE	MAGNESIUM SULFATE		0.50
	1,2-HEXANEDIOL	1,2-HEXANEDIOL		2.00
	HYDROXYACETOPHENONE	HYDROXYACETOPHENONE		0.50
	Cellpolyid® PMB-8100E	WATER & POLYQUATERNIUM-51 & 1,2- HEXANEDIOL	OLI	2.00

Process:

- 1 Add **Phase A** raw materials to the main pot, open the stirring and disperse evenly, heat to the target 85 °C, and keep warm;
- 2 Add **Phase B** raw materials to the clean container, turn on stirring and heating, target 85 °C, stir until completely dissolved;
- 3 The main pot turns on vacuum and low-speed homogenization, slowly pumps in the raw materials of **Phase B**, and after all **Phase B** is added to the main pot, turn on high-speed homogenization, and cool down after emulsification for 7 minutes;
- 4 Homogenize at a low speed of about 40°C for 2 minutes and then discharge.

Note: The formula is for reference only, any concern regarding the formula stability & patent, test and/or varification maybe needed by your organization.