In-Vitro SPF Test Value: 25

Children's Watery Protective Sunscreen (RB24042301)

OLP-3100 10% +OLI-2902 0.2%+Cellpolypid®-PMB 8100E 2%

Phase	Trade Name	INCI Name	Supplier	Dosage (%)
A	KF-6038	LAURYL PEG-9 POLYDIMETHYLSILOXYETHYL DIMETHICONE		3.00
	GI-34	POLYGLYCERYL-4 ISOSTEARATE		0.50
	KF-96A-10CS	DIMETHICONE		2.00
	R972	SILICA DIMETHYL SILYLATE		0.20
	BENTON GEL VS-5 PCVHV	CYCLOPENTASILOXANE /DISTEARDIMONIUM HECTORITE/PROPYLENE CARBONATE		3.00
	GTCC	CAPRYLIC/CAPRIC TRIGLYCERIDE		4.00
	TN	C12-15 ALKYL BENZOATE		3.50
	PMA-0245	CYCLOPENTASILOXANE		12.00
	LANOL 99	ISONONYL ISONONANOATE		8.00
	PA200	POLYHYDROXYSTEARIC ACID		0.10
	KSP-101	ACRYLATES/ ETHYLHEXYL ACRYLATES/DIMETHICONE METHACRYLATE COPOLYMER		1.50
	OLP-3100	**ZINC OXIDE & POLYQUATERNIUM-61 & TRIETHOXYCAPRYLYLSILANE**	**OLI**	10.00
B	水	WATER		Add to100
	1.3-BG	BUTYLENE GLYCOL		3.00
	OLI-2902	**DIPOTASSIUM GLYCYRRHIZINATE**	**OLI**	0.20
	甘油	GLYCERIN		3.00
	Cellpolypid®-PMB 8100E	**WATER & POLYQUATERNIUM-51 & 1,2-HEXANEDIOL**	**OLI**	**2.00**
	黄原胶	XANTHAN GUM		0.02
C	Phenoxyethanol	PHENOXYETHANOL		0.50

Process:

1. Add **phase A** raw materials to the main pot, turn on 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 the vacuum and low-speed homogenization, slowly draws in the raw materials of **phase B**, and after all **phase B** is added to the main pot, the high-speed homogenization is turned on, and the temperature is cooled after emulsification for 7 minutes;
4. At about 40 ° C, add **phase C** raw materials and homogenize at low speed for 3 minutes;

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

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