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Advanced UV Defense Sunscreen (F#: RB23060601)

**OLP-6300 10% + Cellpolypid® UV ZINC OXIDE 5% + OLI-2902 0.15%
+ Cellpolypid®-PMB 8100E 1% + OLI-8107 2%**

Phase	Trade Name	INCI Name	Supplier	Dosage (%)
	KF-6038	LAURYL PEG-9 POLYDIMETHYLSILOXYETHYL DIMETHICONE		4.000
	SPAN 120	SORBITAN ISOSTEARATE		1.500
	PMX-0245	CYCLOPENTASILOXANE		12.000
	IP CLEAN LX	ISODODECANE		6.500
	TEGOSEFT-TN	C12-15 ALKYL BENZOATE		6.500
	SILSOFT 034	CAPRYLYL METHICONE		2.000
	AEROSIL R 972	SILICA DIMETHYL Silylate		0.500
	KP-545	ACRYLATES/DIMETHICONE COPOLYMER CYCLOPENTASILOXANE		3.000
	Uvinul A plus	DIETHYLAMINO HYDROXYBENZOYL HEXYL BENZOATE		2.500
A	Uvinul T150	Ethylhexyl Triazone		2.000
	Tinosorb S	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine		1.000
	PARSOL MCX	ETHYLHEXYL METHOXYCINNAMATE		7.000
	BENTON GEL VS-5 PCVHV	CYCLOPENTASILOXANE & DISTEARDIMONIUM HECTORITE & PROPYLENE CARBONATE		2.500
	OLP-6300 Cellpolypid® UV Attenuation Titanium Dioxide	TITANIUM DIOXIDE, POLYQUATERNIUM-51, STEARIC ACID, ALUMINUM HYDROXIDE	OLI	10.000
	Cellpolypid® UV ZINC OXIDE	Cellpolypid® UV ZINC OXIDE	OLI	5.000
	KSP101	VINYL DIMETHICONE/METHICONE SILSESQUIOXANE CROSSPOLYMER		1.000



	WATER	WATER	Add to100
	OLI-2902 DIPOTASSIUM GLYCYRRHIZATE	DIPOTASSIUM GLYCYRRHIZATE	OLI 0.150
	Cellpolypid®-PMB 8100E	WATER, POLYQUATERNIUM-51, 1,2-HEXANEDIOL	OLI 1.000
B	OLI-8107 OLICOHYDRO COMPLEX	WATER, POLYQUATERNIUM-51, LAMINARIA DIGITATA EXTRACT, SODIUM POLYGLUTAMATE, SODIUM PCA, ACETYL GLUCOSAMINE, 1,2-HEXANEDIOL	OLI 2.000
	GLYCERIN	GLYCERIN	3.000
	BUTYLENE GLYCOL	BUTYLENE GLYCOL	3.000
	PHENOXYETHANOL	PHENOXYETHANOL	0.700
	DISODIUM EDTA	DISODIUM EDTA	0.050
	SODIUM CHLORID	SODIUM CHLORID	0.600
C	ALCOHOL	ALCOHOL	6.000

Process:

- 1 Add organic sunscreen to the main pot, turn on stirring and heating, target 80 °C, confirm that the sunscreen is completely dissolved, add the remaining **Phase A** raw materials, turn on stirring and disperse evenly, 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 At about 40 °C, add **Phase C** raw materials, homogenize at low speed 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.