Eat Well, Live Well.

AJINOMOTO

TSF-22F-BF-5
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W/O FOUNDATION <Liquid> WSI16-16

W/O liquid foundation with nice sensory feeling and high NOI value more than 80%. ELDEW™ SL-205 performs silicone like sensory modifier and oil gelling agent GP-1 enhances stability. ELDEW™ PS-306 works as pigment dispersant.

	Trade name	INCI Name	wt %	Function
A	ELDEW™ SL-205	Isopropyl Lauroyl Sarcosinate	4.0	Emollient
	Parafol-12 *1	Dodecane	9.0	Emollient
	NIKKOL Jojoba Oil S *2	Simmondsia Chinensis (Jojoba) Seed Oil	6.0	Emollient
	GP-1	Dibutyl Lauroyl Glutamide	0.3	Viscosity modifier
	KF-7312K *3	Trimethylsiloxysilicate	2.0	Film forming agent
	KF-6105 *3	Lauryl Polyglyceryl-3 Polydimethylsiloxyethyl Dimethicone	2.0	Emulsifier
	KSG-210 *3	Dimethicone/PEG-10/15 Crosspolymer	3.0	Viscosity modifier
	Benton gel ISD V *4	Isododecane, Disteardimonium Hectorite, Propylene Carbonate	5.5	Viscosity modifier
	AMIHOPE™ LL	Lauroyl Lysine	3.0	Sensory improver
B	KF-6105 *3	Lauryl Polyglyceryl-3 Polydimethylsiloxyethyl Dimethicone	2.5	Emulsifier
	ELDEW™ PS-306	Phytosteryl/Behenyl/Octyldodecyl Lauroyl Glutamate	2.0	Sensory improver Dispersant
	OTS TiO2 CR-50 *5	Titanium Dioxide, Alminum Hydroxide, Triethoxycaprylylsilane	8.0	Pigment
	OTS Yellow LLXO *5	Iron Oxide, Triethoxycaprylylsilane	1.4	Pigment
	OTS Red R-516-L *5	Iron Oxide, Triethoxycaprylylsilane	0.2	Pigment
	OTS Black BL-100 *5	Iron Oxide, Triethoxycaprylylsilane	0.1	Pigment
C	Glycerin *6	Glycerin	6.0	Humectant
	Zemea Select Propanediol *7	Propanediol	6.0	Humectant
	Sorbitol *6	Sorbitol	1.0	Humectant
	Sodium citrate (10% aq.)	Sodium Citrate, Water	2.0	pH modifier
	Citric acid (10% aq.)	Citric Acid, Water	1.0	pH modifier
	Preservative	Preservative	q.s.	Preservative
	Water	Water	balance	Solvent
		Total	100.0	

*1 Sasol, *2 Nikko Chemicals, *3 Shin-Etsu chemical, *4 Elementis, *5 Daito Kasei Industries, *6 Kao, *7 Dupont

<PROCEDURE>

1. Mix part A uniformly at 75°C.
2. Mix part B uniformly at 75°C and disperse with a roller mill.
3. Add part B into part A and mix part (A+B) with a homogenizing mixer at 75°C (3,000 rpm, 5 min).
4. Mix part C uniformly at 75°C.
5. With adding part C into part (A+B) gradually, mix part (A+B+C) with a homogenizing mixer at 75°C (4,000 rpm, 5min).
6. Cool down by stirring with a paddle mixer (100 rpm) at room temperature.

<PHYSICAL PROPERTIES and STABILITY>

Appearance: Liquid
Viscosity: 6,000~7,000 mPa･s (B type, No.2, 30 rpm, 30sec.)
Stability: -5 °C, 25 °C, 45°C, Cycle(-5~40°C), 1 Month