

Prototype
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AJINOMOTO®

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BB Cream – Cold Process

ASC 26-2-1

This multifunctional BB Cream provides sebum control coupled with prolonged moisturization with humectants and emollients while delivering a soft, smooth and silky sheer long-lasting coverage with necessary UV protection from inorganic pigments.

	Trade Name	Supplier	INCI Name	% w/w	Function (in Formula / on Skin)
A.	Gransil DMG-2	Grant Industries, Inc	Dimethicone, Polysilicone-11	15.00	Volatile elastomer dispersion / Glide, feel
B.	UV Cut ZnO-72-VL	Grant Industries, Inc	Zinc Oxide, Coconut Alkanes, Polyhydroxystearic Acid, Dimethicone, Coco-Caprylate/Caprata	10.00	Sunscreen active mixture / UV protection
	UV Cut TiO2-60-VL	Grant Industries, Inc	Titanium Dioxide, Coconut Alkanes, Polyhydroxystearic Acid, Stearic Acid, Alumina, Coco-Caprylate/Caprata	10.00	Sunscreen active mixture / UV protection
	Floramac 10	Floratech	Ethyl Macadamiate	2.50	Emollient, spreadability / Moisturization
	Vitamin E	Hallstar / Biochemica	Tocopherol	0.10	Antioxidant
	Euxyl PE9010	Schülke & Mayr	Phenoxyethanol, Ethylhexyl Glycerin	1.00	Preservative
	Eldew PS-203	Ajinomoto N.A, Inc	Phytosteryl / Octyldodecyl Lauroyl Glutamate	1.00	Emollient, emulsifier / Moisturization
	Gransurf 67	Grant Industries, Inc	PEG-10 Dimethicone	3.00	Emulsifier
	Gransurf 90	Grant Industries, Inc	Cetyl PEG/PPG 10/1 Dimethicone	2.00	Emulsifier
C.	Eldew SL-205	Ajinomoto N.A, Inc	Isopropyl Lauroyl Sarcosinate	2.00	Dry polar emollient, pigment dispersion
	Sensolene	B&T Co./ Hallstar Co.	Ethylhexyl Oliviate	2.00	Emollient, fast absorbency / Moisturization
	Amihope LL	Ajinomoto N.A, Inc	Lauroyl Lysine	2.00	Glide, lubricity, pigment spreading agent / Silky after-feel, shine reduction, matte
	RBTD-671-NJE2	Kobo Products, Inc	Titanium Dioxide, Jojoba Esters	2.50	Opacity, shade, hydrophobicity
	Iron Oxides	Brenntag Specialties	Iron Oxides	0.80	Shade
D.	Deionized Water	-	Water	39.00	Aqueous phase
	Glycerin	-	Glycerin	3.00	Humectant / Moisturization
	Ajidew ZN-100	Ajinomoto N.A, Inc	Zinc PCA	1.00	Active ingredient / Sebum reduction, anti-aging
	Ajidew NL-50	Ajinomoto N.A, Inc	Sodium PCA	3.00	Humectant / Moisturization
	Hyalo-Oligo	Kewpie Corp.	Hydrolyzed Hyaluronic Acid	0.10	Active ingredient / Prolonged moisturization

Procedure: Micropulverize Phase C powders and mix with liquid emollients, then combine with Phase B. Start mixing Phase A using a high speed mixer and slowly add combined Phases B+C at room temperature while ensuring a homogeneous mixture. Mix Phase D until fully dissolved and slowly add to batch at RT.

Appearance: Smooth make-up cream

Viscosity: 186,000 mPa·s @ 0.3 rpm, spindle #3, 25 °C, 30 sec

Stability: >1 mo @ 45, 40, 25 °C, and 5 freeze / thaw cycles

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