

Prototype
Aug 2017

AJINOMOTO®

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*amino*beauty™

ASC-34-3

Cold Process Primer

Cold Process primer formula is formulated at room temperature. **Eldew® PS-203R** has ceramide type-III like property. It acts as a co-emulsifier and provides excellent stability. **Eldew® SL-205** has a velvety sensory skin feel. It provides excellent emolliency and non-greasy moisturizing texture. **Amisoft® HS-11P** is the primary emulsifier. It formulates cold-process emulsions. **Ajidew® ZN-100** is a multifunctional active. It has anti-aging property, sebum control property and acts as a preservative booster. **Ajidew® NL-50** is a component of the skin NMF. It provides excellent moisturization to the skin. **Aquadew® SPA-30B** is a polymeric humectant. It prevents loss of skin moisture and acts as an excellent humectant. **Amihope® OL** is a texture modifier. It is non-opacifying, provides natural sheer look. It helps formula last longer on the skin. It has excellent skin conditioning property and sensory feel. This formula makes an excellent moisturizing primer for your makeup foundation.

	Trade Name	INCI Name	Supplier	% w/w	Role of ingredient
A.	Eldew PS-203R	Phytosteryl/Octyldodecyl Lauroyl Glutamate	Ajinomoto North America Inc.	3.0	Pseudo Ceramide, Emollient, Stability, Low HLB co-emulsifier
	Eldew SL-205	Isopropyl Lauroyl Sacrosine	Ajinomoto North America Inc.	3.5	Emollient, Texture
	Floramac Macadamia Oil	Macadamia Integrifolia Seed Oil	Floritech	10.0	Emollient
	DISM10M5	Diisostearyl Malate (And) Silica	Kobo	1.0	Emollient
	Bentone ABO V Gel	Crambe Abyssinica Seed Oil, Stearalkonium Hectorite, Propylene Carbonate	Elementis	2.0	Suspending agent
	Panalane H-300E	Hydrogentated Polyisobutene	Vantage	2.0	Texture
	Liposorb L-20	Polysorbate 20	Vantage	1.8	Secondary Emulsifier

	Amisoft HS-11P	Sodium Stearoyl Glutamate	Ajinomoto North America Inc.	5.0	Primary Emulsifier
B.	DI Water			52.45	Solvent
	Ajidew ZN-100	Zinc PCA	Ajinomoto North America Inc.	1.0	Anti-Aging active, Sebum control agent, Preservative Booster
	Vanzan NF-C	Xanthan gum	Vanderbilt	0.25	Viscosity Modifier
	Ajidew NL-50	Sodium PCA	Ajinomoto North America Inc.	2.0	Humectant, Skin NMF component
	Aquadew SPA-30B	Sodium Polyaspartate	Ajinomoto North America Inc.	2.0	Polymeric Humectant
C.	Aerosil R812	Silica Silylate	Evonik	0.5	Bulking agent, viscosity modifier
	Kaolin	Kaolin	Spectrum	2.0	Bulking agent, viscosity modifier
	Amihope OL	N-Capryloyl Lysine	Ajinomoto North America Inc.	8.0	Texture Modifier
	Tospearl 2000B Silicone Resin	Polymethylsilsesquioxane	Momentive Performance Materials	2.0	Texture Modifier
	Green Aloe Clover		Craft	0.25	Fragrance
	Botanistat PF-64	Phenoxyethanol (and) capryl glycol (and) ethylhexylglycerin (and) hexylene glycol)	Botanigenics Inc. Dist. by DD Chemco	1.0	Preservative
	Vit E Acetate	Vit E Acetate		0.25	Antioxidant
D.	pH			q.s pH 5.5±0.2	pH

Procedure:

- (1) Charge a vessel at room temperature with phase A. Mix using a propeller
- (2) Charge another vessel with phase B at room temperature. Mix using a propeller until homogenous
- (3) Add phase B to phase A, mix well at room temperature
- (4) Add phase C and adjust the pH to q.s pH 5.5±0.2 at room temperature

Viscosity: 190800 mPasc at 0.6 rpm, spindle #3 **pH:** 5.6

Stability: 4 weeks - Stable at 0°C, 40°C, 45°C, R.T and 3 Freeze Thaw Cycles

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