

Prototype  
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Eat Well, Live Well.



# ASC-36-29

## Hydrating Gel Foundation

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This gel foundation is a unique texture formula. **GP-1** in the formula provides the gel texture. **Amisoft HS-11P** acts as a secondary emulsifier and helps stabilize the emulsion. It also helps in blending the pigments homogenously. **Aquadew SPA-30B** is a polymeric film-forming humectant. It helps retain moisture in the skin and reduces the TEWL. **Ajdew NL-50** provides excellent long lasting moisturization to the skin. **Eldew PS-306R** has ceramide type-III like properties and helps keep your skin barrier healthy. **Eldew SL-205** has velvety light excellent sensory feel. **Amihope LL** helps improve the texture of the formula, enhances the coverage and makes it long lasting. This gel foundation is a unique formula with luxurious application & sensory feel.

	Trade Name	INCI Name	Supplier	% w/w	Role of Ingredient
A	<b>GP-1</b>	Dibutyl Lauroyl Glutamide	<b>Ajinomoto</b>	0.3	Gelling agent. Emulsion stabilizer. Texture
	Butylene Glycol	Butylene Glycol	-	9	Solvent for GP-1
B	GLW45GYSP	CI 77492 & Aqua & Glycerin & Sodium Polyacrylate & Cellulose Gum	KOBO	2.5	Pigment
	GLW55GRSP	CI 77492 & Aqua & Glycerin & Sodium Polyacrylate & Cellulose Gum	KOBO	0.2	Pigment
	GLW60GBSP	CI 77499 & Aqua & Glycerin & Sodium Polyacrylate & Cellulose Gum	KOBO	0.1	Pigment
	GLW75FSP	Titanium Dioxide & Aqua & Glycerin & Sodium Polyacrylate & Cellulose Gum	KOBO	10	Pigment
	UV CUT ZnO - 50 - W	Zinc Oxide & Aqua & Glycerin & Sodium Polyacrylate & Phenoxyethanol & Xanthan Gum & Chlorphenesin	Grant	5	Pigment
	<b>Amisoft HS-11P</b>	Sodium Stearoyl Glutamate	<b>Ajinomoto</b>	1	Secondary Emulsifier
	Liposorb L-20	Polysorbate 20	Vantage	1.5	Primary Emulsifier
C	Keltrol CG Xanthan Gum	Xanthan Gum	C.P Kelco	0.5	Viscosity modifying gum
	Kelcogel Gellan Gum	Gellan Gum	C.P Kelco	0.05	Viscosity modifying gum
	<b>Aquadew SPA-30B</b>	Sodium Polyaspartate & Butylene Glycol & Disodium EDTA & Water	<b>Ajinomoto</b>	1.5	Polymeric film forming amino acid based humectant
	<b>Ajdew NL-50</b>	Sodium PCA (and) Aqua	<b>Ajinomoto</b>	2	Amino acid based humectant
	Sodium Chloride	Sodium Chloride	JT Baker	0.5	Stabilizer
	DI Water	Aqua	-	44.15	Solvent
	<b>Eldew PS-306R</b>	Phytosteryl/Behenyl/Octyldodecyl Lauroyl Glutamate	<b>Ajinomoto</b>	2.5	Ceramide type-III mimicking oil soluble active
D	<b>Eldew SL-205</b>	Isopropyl Lauroyl Sarcosinate	<b>Ajinomoto</b>	2.5	Velvety sensory feel light emollient
	Caprylic Capric Triglyceride	Caprylic Capric Triglyceride	-	2	Emollient
	<b>Amihope LL</b>	Lauroyl Lysine	<b>Ajinomoto</b>	8.5	Texture modifier, long lasting effect
	Bentone ABOV	Crambe Abyssinica Seed Oil & Stearalkonium Hectorite & Propylene Carbonate	Elementis	1	Stabilizer
	Schercemol GTO Ester	Lubrizol		4	Texture modifier, emollient
	Vit E Acetate	-		0.15	Antioxidant
	Crafter's Green Clover	-	Crafter's	0.05	Fragrance
E	Botanistat PF-64	Phenoxyethanol, Capryl Glycol, Ethylhexylglycerin, Hexylene Glycol	Botanisil	1	Preservative
	pH (50% citric acid aq. sol)		-	pH q.s 6.0±0.3	-

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### Procedure:

- Mix phase A at 100°C
- Mix phase B separately at 85°C
- Mix phase C separately at 85°C
- Mix phase B & C together at 85°C
- Mix phase D separately at 60°C and add to the mixture of phase B & C
- Add phase A to the above mixture and mix at 85°C
- Adjust the pH (with 50% citric acid Aq. sol) to 6.0±0.3. Mix till the formula reaches RT

**Stability:** 4 weeks - Stable at 0°C, 40°C, 45°C, R.T, & Freeze Thaw - 3 cycles

**Viscosity:** 220080 mPas at 0.6 rpm, spindle #3 at 30sec

**pH:** 6.0



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