

Prototype  
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Eat Well, Live Well.



# ASC-36-11

## Hydrating Gel Cleanser

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This gel cleanser is a mild moisturizing foaming cleanser. Ajinomoto's **Amilite ACS-12** has excellent foaming properties while retaining your skin's moisture at the same time. **Ajidew NL-50** has excellent moisturizing properties and helps keep your skin hydrated and supple. **Eldew PS-203R** has ceramide type-III like properties. It helps keep skin barrier healthy and also helps repair any damage. In foaming formulations, **Eldew PS-203R** enhances foam texture and gives you a luxurious foaming experience. This formula is a simple to formulate formula that allows for excellent cleansing and moisturizing of your skin at the same time.

	Trade Name	INCI Name	Supplier	% w/w	Role of Ingredient
A	<b>Amilite ACS-12</b>	Sodium Cocoyl Alaninate & Water	<b>Ajinomoto</b>	13	Amino acid based mild foaming surfactant
	Amphosol LB	Lauramidopropyl Betaine	Stepan	10	Secondary surfactant
	Glycerin	Glycerin	-	4	Humectant
B	<b>Ajidew NL-50</b>	Sodium PCA, Water	<b>Ajinomoto</b>	2	Amino acid based humectant
	Keltrol CG Xanthan Gum	Xanthan Gum	C.P Kelco	0.9	Viscosity modifying gum
	Kelcogel Gellan Gum	Gellan Gum	C.P Kelco	0.05	Viscosity modifying gum
C	DI Water	Aqua	-	69.27	Solvent
	D&C Green 5 (0.05% Aq. Sol)	-	-	0.3	Coloring agent
	<b>Eldew PS-203R</b>	Phytosteryl/Octyldodecyl Lauroyl Glutamate	<b>Ajinomoto</b>	0.3	Conditioning agent, moisturizer
D	Crafter's Aloe Green Clover	-	Crafter's	0.1	Fragrance
	Kathon CG	Methylchloroisothiazolinone and Methylisothiazolinone.	Dow	0.08	Preservative
	pH (25% citric acid aq. sol)		-	pH q.s 6.0±0.3	-

### Procedure:

- Mix phase A at 70°C. Mix phase B separately at 70°C
- Add phase B to phase A and mix at 70°C, and adjust the pH (with 25% citric acid Aq. sol) to 6.0±0.3

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

**Viscosity:** 8000 mPas. Spindle #3      **pH:** 6.0±0.3



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