

*Prototype*  
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**AJINOMOTO®**

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## ***Creamy Facial Cleanser*** ***ASC 18-36-1***

This room temperature process cleanser features naturally-derived, mild and biodegradable powder acyl-amino acid surfactants used in conjunction with glycerin and propanediol to produce a light and airy cream cleanser form. Its silky foam and creamy lather produce a great face wash; the after-feel of the skin is conditioned and soft to the touch.

	<b>Trade Name</b>	<b>Supplier</b>	<b>INCI Name</b>	<b>% w/w</b>	<b>Function (in Formula / on Skin)</b>
A.	Vanzan NF-C	RT Vanderbilt	Xanthan gum	0.25	Rheology modifier, stability
	Dionized water		Aqua	q.s to 100	Diluent
	Zemea Propanediol	DuPont Tate & Lyle, dist. by Essential Ingredients	Propanediol	10.00	Solubility adjustment for surfactants / Humectancy
	Glycerin		Glycerin	22.00	Solubility adjustment for surfactants / Humectancy
B.	<b>Amisoft MS-11(F)</b>	<b>Ajinomoto USA, Inc</b>	Sodium Myristoyl Glutamate	15.00	Primary surfactant / Cleansing
	<b>Amisoft CS-11(F)</b>	<b>Ajinomoto USA, Inc</b>	Sodium Cocoyl Glutamate	3.00	Secondary surfactant / Cleansing
	<b>Amisoft LS-11(F)</b>	<b>Ajinomoto USA, Inc</b>	Sodium Lauroyl Glutamate	2.00	Secondary co-surfactant / Cleansing
C.	Plantaren 1200N	Cognis	Lauryl Glucoside	1.50	Tertiary surfactant, fragrance solubilization
	Clementine CO <sub>2</sub> essential oil	Eden Botanicals	Clementine essential oil	0.50	Natural fragrance
D.	Stepan GCC	Stepan	Glyceryl Caprylate / Caprate	1.00	Fragrance solubilization
E.	Euxyl PE9010	Schülke & Mayr	Phenoxyethanol, Ethylhexyl Glycerin	1.00	Preservative

*Procedure:* Combine phase A with mixing at room temperature until the gum is well hydrated, slowly add Phase B. Mix Phase C together, combine with Phase D, and add to the rest of the batch. Add Phase E.

*pH as is:* 6.5

*Viscosity:* 2,464 mPa-s @ 20rpm, spindle #3, 25 °C, 10 sec

*Stability:* > 6 months at 45, 40, 25 °C

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