

*Prototype  
June-2011*

**AJINOMOTO®**

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## ***Cold Process Cream Cleanser ASC 21-72-2***

This unique cream cleanser formula utilizes the pH dependence of Amilite GCS-12K to bring about controlled crystallization without the use of heat or vacuum. The foam and lather are excellent!

	<b>Trade Name</b>	<b>Supplier</b>	<b>INCI Name</b>	<b>% w/w</b>	<b>Function (in Formula / on Skin)</b>
A.	Water		Aqua	13.30	Diluent
	Vanzan NF-C	RT Vanderbilt	Xanthan gum	0.40	Stabilizing gum
B.	Zemea Propanediol	Dupont, Tate & Lyle	Propanediol	25.00	Solubility control / Moisturization
C.	20% Citric Acid solution		Citric Acid	6.00	pH adjustment
D.	<b>Amilite GCS-12K</b>	<b>Ajinomoto North America, Inc</b>	Disodium Cocoyl Glycinate	33.00	Primary mild surfactant / Cleansing
	<b>Amilite ACS-12</b>	<b>Ajinomoto North America, Inc</b>	Sodium Cocoyl Alaninate	20.00	Secondary surfactant / Cleansing, foam, lather
E.	<b>Ajidew NL-50</b>	<b>Ajinomoto North America, Inc</b>	Sodium PCA	1.60	Scent
	Euxyl PE9010	Schülke & Mayr	Phenoxyethanol, Ethylhexyl Glycerin	0.70	Preservative

*Procedure:* Hydrate xanthan gum in water at room temperature. Add Propanediol, then add citric acid. Combine Amilites and add to batch. Add Phases E and F.

*Final pH:* 6.2

*Appearance:* Thick opaque cream

*Stability:* >1 month at 45, 40, 25, 3 °C, and 5 freeze/thaw cycles

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