

Prototype
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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!

	Trade Name	Supplier	INCI Name	% w/w	Function (in Formula / on Skin)
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.	Citric Acid 20 % sol'n		Citric Acid	6.0	pH adjustment
D.	Amisoft GCS-12K	Ajinomoto USA, Inc	Disodium Cocoyl Glycinate	33.00	Primary mild surfactant / Cleansing
	Amilite ACS-12	Ajinomoto USA, Inc	Sodium Cocoyl Alaninate	20.00	Secondary surfactant / Cleansing, foam, lather
E.	Ajidew NL-50	Ajinomoto USA, Inc	Sodium PCA	1.60	Humectant / Moisturization
F.	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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