

Prototype
Sept 2015

AJINOMOTO®

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'Head, Body & Soul' Natural Cleanser

ASC 30-63

The naturally-derived ingredients in this cleanser formula are combined in such manner to allow great foam and lather characteristics without sacrificing viscosity. This formula could be used as a shampoo, facial cleanser or body cleanser, and since it is environmentally friendly, the soul is cleansed as well.

	Trade Name	Supplier	INCI Name	% w/w	Function (in Formula / on Hair and Skin)
A.	AMILITE GCK-12H	Ajinomoto NA, Inc	Potassium Cocoyl Glycinate	35.00	Primary Surfactant
	Cocamidopropyl Betaine		Cocamidopropyl Betaine (30%)	18.00	Primary co-surfactant
	AMILITE ET-CS-12	Ajinomoto NA, Inc	Disodium Cocoyl Glutamate, Sodium Cocoyl Glutamate, Sodium Cocoyl Threoninate	6.00	Secondary surfactant
	Plantaren 1200N	BASF	Lauryl Glucoside (50%)	3.00	Tertiary surfactant
	Monomuls 90-L12	BASF	Glyceryl Laurate	4.00	Thickening agent
	Deionized water		Aqua	q.s. to 100	Solvent
B.	PRODEW 500	Ajinomoto USA, Inc	Sodium PCA (and) Sodium Lactate (and) Arginine (and) Aspartic Acid (and) PCA (and) Glycine (and) Alanine (and) Serine (and) Valine (and) Proline (and) Threonine (and) Isoleucine (and) Histidine (and) Phenylalanine	1.00	Amino acid cocktail / Hair repair, sheen, luster, control; moisturization
	AMISAFE AL-01	Ajinomoto USA, Inc	Lauroyl Arginine	0.10	Conditioning
	Euxyl PE9010	Schülke & Mayr	Phenoxyethanol, Ethylhexyl Glycerin	0.70	Preservative
	Fragrance (Sweet Pea)			0.20	Fragrance
C.	Citric Acid		Citric Acid	pH to 6.1 ± 0.10	pH adjustment
D.	MgCl ₂ ·6H ₂ O		Magnesium Chloride	1.00	Viscosity adjustment

Procedure: Combine and heat Phase A to 78 °C with mixing, once dissolved, cool to room temperature with mixing, add Phase B. Adjust the pH to 6.1 with citric acid and add the divalent salt (amount could vary depending on desired viscosity).

pH (final): 6.1

Viscosity: 3,828 mPa·s @ 6 rpm, spindle #3, 25 °C, 30 sec