

Prototype

**AJINOMOTO**<sup>®</sup>

Ajinomoto North America, Inc.

400 Kelby Street, Fort Lee, New Jersey 07024

Tel: (201) 292-3180 ~ Fax: (201) 346-5638

## Amino-Kind Scalp Care Concentrated Shampoo

ASC 26-89-1

This unique shampoo features gentle yet high foaming amino-derived surfactants that mitigate and prevent scalp damage. The formula also reinforces the principles of green chemistry, is made at room temperature and is concentrated to about 27 % active surfactant level, which means a small amount of it can be used to create high foam and creamy lather while saving on packaging, transportation and production energy costs.

	Trade Name	Supplier	INCI Name	% w/w	Function
A.	Plantaren 2000	BASF	Decyl Glucoside	5.00	Surfactant / Cleansing, foam
	<b>AMILITE ACS-12(30%)</b>	<b>Ajinomoto NA</b>	Sodium Cocoyl Alaninate	13.00	Surfactant / Cleansing, foam, lather moisturized feel, color protection
	<b>AMILITE GCK-12K (30%)</b>	<b>Ajinomoto NA</b>	Potassium Cocoyl Glycinate	27.00	Surfactant / Cleansing, lather
	Amphosol LB	Stepan	Lauramidopropyl Betaine	27.00	Surfactant / Cleansing, foam
	Iselux LQ-CLR	Innospec	Sodium Lauroyl Methyl Isethionate	13.00	Surfactant / Cleansing, lather
B.	Essential Oils	-	Essential Oil	0.50	Scent
C.	Deionized water	-	Water	9.20	Diluent
D.	Euxyl PE-9010	Schülke & Mayr	Phenoxyethanol, Ethylhexyl Glycerin	0.80	Preservative
E.	<b>PRODEW 500</b>	<b>Ajinomoto NA</b>	Sodium PCA, Sodium Lactate, Arginine, Aspartic Acid, PCA, Glycine, Alanine, Serine, Valine, Lysine, Threonine, Proline, Isoleucine, Histidine, Phenylalanine	1.00	Active ingredient / Smoothing, color protection, damage repair, hair shine and luster
	SugaQuat L-1210	Colonial Chemical	Laurdimonium Hydroxypropyl Laurylglucosides Chloride	0.40	Conditioning agent / Softness, detangling
	Polyamine LC	Oryza Oil & Fat Co	Water, Butylene Glycol, Oryza Sativa (Rice) Germ Extract, Citric acid	0.10	Active ingredient / Hair growth promotion, cuticle repair, texture
	Polyplant Anti-Seborrhoea	Provital Group, dist. by Centerchem	Propylene Glycol, Water, Arctium Majus Root Extract, Juniperus Communis Fruit Extract, Gentiana Lutea Root Extract, Thymus Vulgaris (Thyme) Extract, Citrus Medica Limonum (Lemon) Peel Extract	1.00	Active ingredient / Scalp soothing, irritation reduction
	Yeast Beer – Total Extract	Provital Group, dist. by Centerchem	Water, Propylene Glycol, Alcohol Denat., Yeast Extract	2.00	Active ingredient / Anti-seborrhoeic properties, hair repair

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Procedure: Mix Phase A ingredients at room temperature, add Phases B, C, D, and E. Adjust the pH to 6.9 with a citric acid solution.

Appearance: Thick, clear, yellow-hued surfactant system

Viscosity: 9,800 mPa•s @ 3.0 rpm, #3 spindle, 30 sec, 25 °C

Stability: > 1 mo @ 45, 25, 3 °C and 5 freeze/thaw cycles