

Prototype

**AJINOMOTO**  
amino**beauty**

**Ajinomoto North America Inc.**  
**4105 Poole Road, Raleigh**  
**North Carolina 27610**  
**Tel: (201) - 292 - 3208**

## ASC -26-89-1-B

### Concentrated Shampoo for Damaged Scalp

This unique shampoo features multiple gentle surfactants & natural active ingredients that mitigate & prevent future scalp damage. Amilite® surfactants provide gentle cleaning of hair & scalp without causing any damage. It is formulated at room temperature. This shampoo is based on green chemistry concept.

	Trade Name	INCI Name	Supplier	% w/w	Role of ingredient
A	Plantaren 2000	Decyl Glucoside		5.00	Surfactant, Oil Solubilization
	Amilite ACS-12	Sodium Cocoyl Alaninate	Ajinomoto	13.00	Surfactant/ Cleansing, foam, color protection
	Amilite GCK-12K	Potassium Cocoyl Glycinate	Ajinomoto	27.00	Surfactant/ Cleansing, Foam
	Amphosol LB	Lauramidopropyl Betaine	Stepan	27.00	Surfactant/ Cleansing, Foam
	Iselux LQ-CLR	Sodium Lauroyl Methyl Isethionate	Innospec	13.00	Surfactant/ Cleansing, Lather
B	Lemongrass Ess. Oil	Cymbopogon Citrates (Lemongrass) Ess. Oil	Eden Botanicals	0.30	Scent, Active Ingredient, Soothing
	Geranium Rose Ess. Oil	Pelargonium roseum (Geranium rose) Ess. Oil	Eden Botanicals	0.05	Scent, Active Ingredient, Soothing
C	DI Water			9.45	Diluent
D	Euxyl PE9010	Phenoxyethanol, Ethylhexylglycerin	Schülke	0.80	Preservative
E	Prodew 500	Sodium PCA, Sodium Lactate, Arginine, Aspartic Acid, PCA, Glycine, Alanine, Serine, Valine, Proline, Threonine, Isoleucine, Histidine, Phenylalanine	Ajinomoto	1.00	Active Ingredient/ Soothing, Color Protection, damage repair, hair shine
	Polysugaquat L-1210P	Polyquaternium-80	Colonial Chemical	0.40	Conditioning Agent, Softness, detangling
	Poliplant Anti-Seborrhea	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	Provital	1.00	Active Ingredient/ Hair Growth promotion, cuticle repair, texture
	Yeast Beer Root Extract	Water, Propylene Glycol, Alcohol Denat., Yeast Extract	Provital	2.00	Active ingredient/ Anti-Seborrheic properties, hair repair

**Procedure:** Mix phase A ingredients at Room Temperature, add Phases B, C, D and E. adjust the pH to 6.5 with a citric acid solution.

Viscosity: 4774 mPas at 3.0 rpm, #3 Spindle, 30 sec, 25°C.

**Stability:** 6 weeks - Stable at 0°C, 40°C, 45°C & at R.T