

Prototype
September 2017

AJINOMOTO®

Ajinomoto North America Inc.
4105 Poole Road, Raleigh
North Carolina 27610
Tel: (919) - 233 - 2367
www.ajiaminobeauty.com

Amino Acid Sulfate-Free Shampoo ***ASC 32-88***

This sulfate-free shampoo features the ultra-mild surfactants Amisoft CS-22 and Amilite ET-CS-12 which prevent hair damage, improve wet combing, are mild to scalp, and are highly biodegradable. Aquadew SPA-30B provides hair control. Prodeiw 500 and Ajidew NL-50 provide shine, color protection, hair strengthening, moisturization and conditioning. Amihope LL provides a natural pearl and slip enhancement. This formation is perfect for hair damaged by color treatment, bleaching, perming, or just normal hair. Hair is left feeling soft even without additional conditioners.

	Trade Name	Supplier	INCI Name	% w/w	Function (in Formula / on Hair)
A.	Deionized Water		Water (Aqua)	39.30	Solvent
	Amisoft CS-22	Ajinomoto North America, Inc.	Disodium Cocoyl Glutamate, Sodium Cocoyl Glutamate, Water	22.00	Gentle cleansing
	Amilite ET-CS-12	Ajinomoto North America, Inc.	Disodium Cocoyl Glutamate, Sodium Cocoyl Glutamate, Sodium Cocoyl Threoninate, Water	10.50	Gentle cleansing and foam boosting
	Glucamate DOE-120	Lubrizol	PEG-120 Methyl Glucose Dioleate	1.50	Viscosity building
	Promidium 2	Croda	PPG-2 Hydroxyethyl Coco/Isostearamide	2.00	Foam stabilization, sensory enhancement
	Capmul MCM (C10)	Abitec Corporation	Glyceryl Caprate	2.00	Viscosity building
B.	Chembetaine CAS	Lubrizol	Cocamidopropyl Hydroxysultaine	10.00	Gentle cleansing and foam boosting
	Aquadew SPA-30B	Ajinomoto North America, Inc.	Sodium Polyaspartate, Butylene Glycol, Disodium EDTA, Water	2.00	Fly away control
	Ajidew NL-50	Ajinomoto North America, Inc.	Sodium PCA, Water	0.50	Conditioning, moisturization, color enhancement
	Prodeiw 500	Ajinomoto North America, Inc.	Sodium PCA, Sodium Lactate, Arginine, Aspartic Acid, PCA, Glycine, Alanine, Serine, Valine, Proline, Threonine, Isoleucine, Histidine, Phenylalanine, Water	2.00	Hair shine, color protection, hair strengthening, moisturization
C.	Deionized Water		Water (Aqua)	5.00	
	Amihope LL	Ajinomoto North America, Inc.	Lauryl Lysine	0.80	Pearlizing agent, slip enhancement

	Sodium Hydroxide 20% solution	Commodity	Sodium Hydroxide, Water	1.00	pH adjustment to dissolve Amihope LL
D.	Citric Acid crystals	Commodity	Citric Acid	1.10	pH adjustment
	Preservative			q.s.	Preservative
	Orange Coriander V11715	Continental Aromatics	Fragrance	0.30	Scent

Procedure: Charge mixing vessel with phase A and heat to 70°C. with moderate agitation until all solids are dissolved and mixture is clear. Add phase B in the order listed while cooling. Premix phase C and mix until the Amihope is completely dissolved. Add premix C to the batch and mix until uniform. Cool to room temperature and adjust pH to 5.7, add preservative and fragrance.

Technical data: Viscosity @ 25°C (LVDV-I+, LV #3, 10 rpm, 30 sec) = 5,040 mPas, pH=5.7

Stability: Room temperature, 40°C, 45°C, freeze/thaw 4 cycles

Disclaimer: This information is presented in good faith and we believe that it is correct, but no warranty as to accuracy of results or fitness for particular use is given, not is freedom from patent infringement to be inferred. It is offered solely for information.

Before using any Ajinomoto product, or any product mentioned in this literature: read, understand and follow the information contained in the most recent Material Safety Data Sheet.