

## AMINOSHAMPOO PROTECTIVE CLEANSE - FOR DAMAGED CAUCASIAN HAIR ABR-HW-005-19

Aminoshampoo Protective Cleanse was developed with ingredients capable of performing a protective, gentle and restorative cleansing. Its formulation contains **AMISOFT® CT-12S** a mild anionic surfactant that protects the hair structures from the thermal damage and from color fade. **AMISAFE® AL-01**, an amphoteric surfactant with high substantivity on the hair fiber, potentialize the hair conditioning, while the restoration is boosted by **PRODEW® 500**, a powerful blend of amino acids that recovers bleached and dyed hair.

	Trade name	INCI Name	wt %	Function
A	Deionized Water	Aqua	q.s.p. 100.00%	Vehicle
	Disodium EDTA *1	Disodium EDTA	0.10	Chelator
	Carbopol® Aqua SF-1 Polymer *2	Aqua (and) Acrylates Copolymer (30%)	6.50	Suspensor agent
	NaOH *3	Aqua (and) Sodium Hydroxide (20%)	q.s. 7.0	pH Adjuster
B	SymSave® H *4	Hydroxyacetophenone	0.50	Preservative
	SymDiol® 68 *4	1,2-Hexanediol (and) Caprylyl Glycol	0.50	Preservative
	<b>AMISOFT® CT-12S</b>	<b>TEA-Cocoyl Glutamate (and) Aqua (30%)</b>	25.00	Mild anionic Surfactant
	Lexemul® EGDS *5	Glycol Distearate	0.75	Pearlizing
	Plantaren® 2000 N UP *6	Decyl Glucoside (50%)	6.00	Non-ionic surfactant
	Alkest® E 150 D VG *7	PEG-150 Distearate	1.80	Thickener
	<b>AMISAFE® AL-01</b>	<b>Lauroyl Arginine</b>	0.65	Amphoteric Surfactant/ conditioning agent
C	BETAION® CAPB *8	Cocamidopropyl Betaine (35%)	15.00	Amphoteric Surfactant
	ALKALAN MC *8	Cocamide MEA	2.00	Fragrance Solubilizer
	Cetiol® HE *6	PEG-7 Glyceryl Cocoate	0.35	Emollient
	Tinogard® TS *6	Octadecyl Di-t-Butyl-4-Hydroxyhydroxycinamate	0.07	Antioxidant
	Fragrance Ultra Tratamento, T17008023 *9	Parfum	0.50	Fragrance
D	Deionized Water	Aqua	10.00	Solvent
	UCARE™ Polymer JR-400 *10	Polyquaternium-10	0.20	Conditioning Agent
E	<b>PRODEW® 500</b>	<b>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 (and) Water (50%)</b>	2.00	CMC restorative biomimetic active
F	Citric Acid *1	Aqua (and) Citric Acid (40%)	q.s.5.5-6.0	pH Adjuster
<b>Total</b>			<b>100.00</b>	

\*1 Volp, \*2 Lubrizol, \*3 LabSynth, \*4 Symrise, \*5 Inolex, \*6 BASF, \*7 Oxiteno, \*8 AQIA, \*9 Takasago, \*10 Dow Chemical

### <PROCEDURE>

- In the main beaker, add the Deionized Water and the Disodium EDTA. Homogenize until complete dissolution. Then add the Carbopol® Aqua SF-1 Polymer and neutralize it with the NaOH solution (20%).
- In another beaker, add the ingredients of Phase B and heat up to 80 ° C. Homogenize until obtaining a homogeneous phase. Add Phase B to Phase A
- In another beaker, warm the ingredients of Phase C to 50 ° C, except the fragrance and homogenize well. Cool the mixture to at least 45 ° C and add Fragrance. Then add the previously homogenized mixture to the main beaker and mix well.
- Add the previously homogenized Phase D to the main beaker and perform a new homogenization.
- Add to the main beaker, Phase E and homogenize.
- Correct the pH with Phase F.

### <PHYSICAL PROPERTIES and STABILITY>

Appearance: Viscous liquid, pearlescent, white

pH: 5.5-6.5

Stability: 5°C, 25°C and 45°C for 3 months; 50°C for 1 month

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