

Natural Scalp Soothing Treatment

Description: A thin serum to help boost scalp health by increasing hydration and restoring skin health.

PHASE	%	INGREDIENT	*REF	INCI	FUNCTION
1	78.45	Deionized Water		Water	Aqueous Vehicle
1	0.05	Dissolvine® NA2-S	92	Disodium EDTA	Chelating Agent
1	0.50	Natrosol™ 250 HR/HHR	8	Hydroxyethylcellulose	Rheology
1	5.00	Glycerin	1	Glycerin	Humectant
2	4.00	Biobase® S	95	Glyceryl Stearate (and) Sodium Stearoyl Lactylate (and) Cetearyl Alcohol	Emulsifier
3	1.00	euxyl® PE 9010		Phenoxyethanol (and) Ethylhexylglycerin	Preservative
3	1.00	Lipo® Bisabolol	1	Bisabolol	Active
3	10.00	Coconut-Avocado Hair Milk	1	Water (and) Sodium Stearoyl Lactylate (and) Propanediol (and) Polyglyceryl-10 Oleate (and) Polyglyceryl-10 Dioleate (and) Phospholipids (and) Persea Gratissima (Avocado) oil (and) Glyceryl Undecylenate (and) Glyceryl stearate (and) Glyceryl Caprylate (and) Glycerin (and) Cocos Nucifera (Coconut) Water (and) Cocos Nucifera (Coconut) Oil (and) Cocos Nucifera (Coconut) Fruit Juice (and) Cetearyl alcohol	Active
1	QS 100.00%	Citric Acid (10% Solution)		Citric Acid	pH Modifier

*Company Reference

1	Vantage Specialty Ingredients
92	Akzo Nobel Chemicals, Inc.
8	Ashland (ISP)
95	Tri-K Industries

PROCEDURE:

- Mix water and EDTA and heat batch to 75°C
- Pre-mix Glycerin and Hydroxyethylcellulose then add to the rest of Phase 1, fully incorporate
- Heat Phase 2 ingredients until 78°C and emulsify when at temperature
- Cool batch to 35°C
- Add each Phase 3 ingredient separately and mix until uniform
- Adjust the pH with Citric Acid to 5.0
- Drop the batch at 30°C.

pH: 5.00

Viscosity: 2000 cps

Stability: Stable for 1 month (F/T, 45°C, 25°C)

Notebook Reference: 00656-29-1



150 MOUNT BETHEL ROAD, BUILDING 2, SUITE 200, WARREN, NJ 07059

www.vantagegrp.com

All data, including the formulations and procedures discussed herein, to the knowledge of Vantage, are believed to be correct, reliable and accurate. Please note, however, that Vantage does not warrant or guarantee any accuracy, reliability or completeness of the information contained herein. It is the user's responsibility to determine the suitability and completeness of such information for the user's particular use (including performing any necessary confirmatory tests). Vantage is not responsible or liable for any loss or damage that may occur from the use of this information, nor do we warrant against any patent infringement. Nothing contained herein shall be construed as providing any permission, recommendation, or inducement to practice any patented invention without permission of the patent owner.