



HAPPY HEAD SCALP SERUM

Bye-bye irritation, hello ahhhhh! This lovely scalp serum provides cooling, soothing relief to scalp and strength, shine and conditioning to hair. **Meadowfoam XPR** is highly nourishing to skin and moisturizes to combat scalp dryness while **Daikon Seed Extract** provides shine and strength to hair. Licorice root extract (rich in regenerative and antioxidant compounds) and mineral-rich pink kaolin clay soothe and detoxify the scalp. Aurafirm N, a fermented oat active conditions hair and supports skin microbiome, and peppermint and tea tree essential oils provide a lovely, cooling sensation.

Ingredient INCI NAME	Trade Name	%
Phase A		
Water	Deionized Water	75.98
Glycerin	Glycerin	5.00
Butylene Glycol	Butylene Glycol	5.00
Xanthan Gum	Xanthan Gum	0.37
Sodium Hyaluronate	Sodium Hyaluronate	0.10
Phase B		
Polysorbate-60	Polysorbate-60	2.00
PEG-40 Hydrogenated Castor Oil	PEG-40 Hydrogenated Castor Oil	2.00
Limnanthes Alba (Meadowfoam) Seed Oil	Meadowfoam XPR* 1	1.00
Raphanus Sativus (Daikon) Seed Extract	Daikon Seed Extract 1	1.00
Phase C		
Glycerin (and) Water (and) Glycyrrhiza Glabra (Licorice) Extract	Licorice Extract	4.00
Phenoxyethanol	Phenoxyethanol	1.00
Panthenol	Panthenol	1.00
Lactobacillus Ferment (and) Avena sativa Kernel Extract (and) Sodium Benzoate (and) Potassium Sorbate	Aurafirm N 2	1.00
Kaolin (and) Illite	Theraclay Pink 3	0.25
Kaolin Clay	Kaolin Clay 4	0.20
Fragrance	Melaleuca Alternifolia Essential Oil 5	0.06
Fragrance	Mentha Piperita Essential Oil 5	0.04
Total		100

*Meadowfoam Seed Oil and Meadowfoam XPR can be used interchangeably in this formulation

Suppliers: ¹Natural Plant Products; ²Oat Cosmetics; ³Charkit Chemical Company; ⁴Caltron Clays; ⁵New Directions Aromatics

Procedure: Combine Phase A ingredients and heat to 75-80°C. In a separate vessel, combine Phase B ingredients and heat to 75-80°C. Add Phase B to Phase A with rapid propeller stirring to emulsify. Homogenize and cool to 45°C with moderate propeller stirring. Add Phase C ingredients during cool down phase.

Stability: One month at 45°C.

Suggested Usage: After washing, part hair into sections and apply a few drops of serum to scalp. Massage into scalp and style hair as usual.

The information contained herein is provided for informational purposes only. This suggested formulation is only a representative formulation and is not a commercialized product. NPP believes that the formulation and data on which this formulation is based are reliable, but it has not been subjected to extensive testing for performance, efficacy, or safety. Before commercializing, you should thoroughly test the formulation or any variation of it (as well as the raw materials, including any NPP product used) to determine its performance, efficacy, and safety. Further, you will be responsible for ensuring the regulatory compliance of the final product and its ingredients.

No guarantee, representation, or warranty of any kind is made with respect to any product or information contained herein, including, without limitation, the suitability, accuracy, the completeness or relevance of the data set out herein, or any result. NPP disclaims all warranties, express or implied, including, without limitation, warranties of merchantability, fitness for a particular purpose, or non-infringement of any patent or other intellectual property right (including, without limitation, copyright and trademark). User bears full responsibility for making its own determination as to the suitability for a particular purpose and for identifying and performing all tests and analyses necessary and sufficient for user's purpose. The final choice of use of a product or information as well as the investigation of any possible violation of intellectual property rights remains the sole responsibility of user.