



SMOOTH LIKE SATIN HAIR MILK

This weightless hair milk was formulated to provide shine, smoothness, and manageability plus healthier-looking hair. The blend of **Endisil® F-1000**, **Endisil® S-1501**, and **Endisil® S-612** improves wet and dry combing performance and increases the feeling of softness. **Glossamer™ L6600** provides effective control of fly-aways for a glossy, satin-smooth feel without weighing the hair down. **Endicare® ETP-305** delivers appropriate viscosity levels while both **DL-Panthenol 50%** and **Conditioner P7NA** add moisture and improve hair conditioning.

PHASE A

Endisil® F-1000 ¹ (Dimethicone)	2.00%
Endisil® S-1501 ¹ (Cyclopentasiloxane (and) Dimethiconol)	2.00%
Endisil® S-612 ¹ (Lauryl Phenyl Methicone)	4.00%

PHASE B

Glossamer™ L6600 ¹ (Brassica Campestris/Aleurites Fordi Oil)	3.00%
Extra Virgin Olive Oil ¹ (Olea Europaea (Olive) Fruit Oil)	3.00%
Avocado Oil ¹ (Persea Gratissima (Avocado) Oil)	3.00%

PHASE C

Deionized Water (Deionized Water)	68.30%
Dissolvine® NA2-S ^{1,2} (Disodium EDTA)	0.10%
Propylene Glycol ¹ (Propylene Glycol)	3.00%
Glycerin ¹ (Glycerin)	3.00%
Vitamin E Acetate ¹ (Tocopherol Acetate)	1.00%
DL-Panthenol 50% ¹ (Panthenol)	1.00%
Conditioner P7NA ^{1,3} (Polyquaternium-7)	2.00%

PHASE D

Endicare® ETP-305 ¹ (Polyacrylamide (and) C13-14 Isoparaffin (and) Laureth-7)	2.00%
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PHASE E

Sharomix 706 ^{1,4} (Dehydroacetic Acid (and) Benzoic Acid (and) Benzyl Alcohol)	0.70%
Polysorbate 20 ¹ (Polysorbate 20)	0.80%
Fragrance	1.00%
NaOH 40% aq. (Sodium Hydroxide)	0.10%



Suppliers

¹Coast Southwest, Inc., ²AkzoNobel Functional Chemicals LLC, ³3V Inc., ⁴Sharon-Laboratories Ltd.

Properties

pH: 6.0-6.5

Viscosity: spindle 02 at 20 rpm = 300-350 cst.

Procedure

Phase A – Combine the ingredients of Phase A in main vessel and begin propeller mixing (200-400 rpm).

Phase B – In a separate vessel, combine Phase B ingredients and add to Phase A with continuous mixing.

Phase C – In another separate vessel, combine Phase C ingredients in formula order under propeller mixing.

Once fully uniform, Add Phase C to Phase AB. **Phase D** – Add Phase D to Phase ABC under homogenizing

mixing at 3,000 rpm for 30 seconds until fully uniform. Batch will thicken and become continuous. **Phase E** – Discontinue homogenizing and add Phase E in formula order to Phase ABCD under propeller mixing. Transfer into final container once uniform.