



MAKE MINE SHINE HAIR SERUM

Say farewell to greasy, heavy-handed styling serums. Go glossy instead of bossy. This styling aid imparts shine and texture to all types of hair.

PHASE A

Deionized Water	80.30%
Synthalen® W2000 ^{1,2} (Acrylates/Palmeth-25 Acrylate Copolymer)	2.50%

PHASE B

Endicare® DP-530 ¹ (Polyethyloxazoline)	3.00%
Olivatis™ 12 ^{1,3} (Polyglyceryl-3 Pentaolivate)	2.00%
Endisil® FS-677 ^{1,4} (Phenyl Trimethicone)	5.00%
Endisil® S-612 ^{1,4} (Lauryl Phenyl Methicone)	4.00%
Endisil® F-1000 ^{1,4} (Dimethicone)	2.00%
Argan Oil ¹ (Argania Spinosa (Argan) Kernel Oil)	0.50%
Sharomix 718 ^{1,5} (Phenylpropanol (and) Dehydroacetic Acid (and) Benzoic Acid)	0.70%

PHASE C

NaOH 30% w/w Solution (Sodium Hydroxide)	QS
--	----

SUPPLIERS

¹Coast Southwest, Inc., ²Akzo Nobel Functional Chemicals LLC, ³Medolla Limited, ⁴Endisil®,
⁵Sharon-Laboratories

PROPERTIES

pH: 6.5-7.0

Viscosity: spindle 4.0 at 60 rpm = 20,000-25,000 cst

PROCEDURE

Phase A – Add Phase A to main vessel with shear mixing. **Phase B** – Add Phase B to main vessel with shear mixing. **Phase C** – Slowly add Phase C to main vessel under shear mixing.
Note: Batch will thicken. When at desired pH and viscosity, transfer to final container.