



PERFORMANCE INSPIRED INGENUITY

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## Triple L Mascara

### Extended Wear Water-Proof Mascara

#### Description:

Triple L Mascara covers all of your eyelash needs, by lifting, lengthening and lasting. This example formulation provides premium extended wear performance, benefitting from several Siltech specialty ingredients. **Silmer® UR-5050** is a unique silicone-urethane resin that promotes extended wear, while maintaining soft and smooth flexibility. **Silmer® G-162** is a silicone elastomer gel that incorporates ingredients and offers premium sensorial during application. **Siltech® CE-2000** is a versatile citrate ester that aids in dispersing pigments. **Silube® 316** is a versatile PEG-free invert emulsifier that is ideal for color cosmetics and can be used in both hot and cold processing.

#### Ingredients:

Phase	Ingredients	INCI name	Wt. %
A	<b>Silmer UR-5050 (Siltech)</b>	Bis-Hydroxypropyl Dimethicone/SMDI Copolymer	30.00
	ESP Nylon -12-10 (Earth Supplied Products)	Nylon-12	2.50
	Unipure Black LC989 AS-EM (Sensient)	CI 77499 (and) Triethoxycaprylylsilane	4.76
	Brown Iron Oxide (Univar UK)	Brown Iron oxide	4.04
	<b>Siltech CE-2000 (Siltech)</b>	Trioctyldodecyl Citrate	8.90
	<b>Silquat J2-8B (Siltech)</b>	Cyclopentasiloxane (and) PEG/PPG-18/18 Dimethicone	4.00
	<b>Silmer G-162 (Siltech)</b>	Cyclopentasiloxane (and) Dimethicone/Vinyl Dimethicone Crosspolymer	10.00
	<b>Silube 316 (Siltech)</b>	TMP Lauryl Dimethicone	3.00
B	Carnauba Wax (Koster Keunen)	Copernicia Cerifera (Carnauba) Wax	5.50
	Candelilla Wax (Koster Keunen)	Euphorbia Cerifera (Candelilla) Wax	5.50
	Ozokerite Wax (Koster Keunen)	Ozokerite	2.60
	Beeswax (Koster Keunen)	Cera Alba (Beeswax)	3.00
C	D.I. Water	Water	14.89
	Disodium EDTA	Disodium EDTA	0.10
D	Ammonium Hydroxide (28% Ammonia)	Ammonium Hydroxide (28% Ammonia)	0.56
E	Optiphen (Ashland)	Phenoxyethanol, Caprylyl Glycol, Sorbic Acid	0.65
Total			100.00



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Procedure:

- 1) Combine Part A and Part B and heat up to 85°C under mixing, then blend well
- 2) Combine Part C and heat up to 85°C
- 3) Add Part C into Part A+B at 85° C under mixing and then cool batch down to 50°C
- 4) Add Part D into batch under mixing and then add Part E into batch one by one under mixing

Product formulations are included as illustrative examples. Siltech Corporation makes no representation or warranty of any kind with regard to any such formulations, including, without limitation, concerning the efficacy or safety of any product manufactured using such formulations.

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