LUSH LASH PRIMER

with Floraesters® 60, Floraesters® 15, L22™ and FiberDesign™ Citrus

Phase	Trade Name	INCI	Supplier	%WT
A	Deionized Water	Aqua	---	64.88
	Glycerin, USP	**Glycerin**	**Cargill**	**3.00**
	Zemea® Propanediol	**Propanediol**	**Dupont Tate & Lyle**	**2.00**
	FiberDesign™ Citrus	**Citrus Limon (Lemon) Peel Powder (and) Sclerotium Gum (and) Citrus Aurantifolia (Lime) Peel Powder**	**Cargill**	**0.50**
B	**Floraesters™ 60**	**Jojoba Esters**	**Cargill**	**4.00**
	Floraesters™ 15	**Jojoba Esters**	**Cargill**	**1.50**
	Florasun™ 90	**Helianthus Annuus (Sunflower) Seed Oil**	**Cargill**	**3.00**
	L22™	**Jojoba Oil/Macadamia Seed Oil Esters (and) Squalene (and) Phytosteryl Macadamiate (and) Phytosterols (and) Tocopherol**	**Cargill**	**2.00**
	Lanette® 16	Cetyl Alcohol	BASF	1.50
	D-Alpha-Tocopheryl Acetate	**Tocopherol Acetate**	**Cargill**	**0.10**
	Olivem 1000	Cetearyl Olivate (and) Sorbitan Olivate	Hallstar	3.60
C	Euxyl® PE9010	Phenoxyethanol (and) Ethylhexylglycerin	Schülke	0.80
	Dissolvine GL-47-S	Tetrasodium Glutamate Diacetate	Nouryon	0.08
D	AMP-Ultra PC 2000 (5% solution)	Aminomethyl Propanol (and) Water	Angus Chemical	0.14
E	Deionized water	Aqua	---	10.00
	Sodium Phosphate Dibasic	Disodium Phosphate	Sigma Aldrich	2.34
	Citric Acid	**Citric Acid**	**Cargill**	**0.34**

Whether bold and spikey, glossy ‘n chic, or naturally wispy, starting with Lush Lash Primer featuring **Floraesters™ 60 Jojoba** sets the stage for any eyelash trend. Due to its ability to maintain viscosity from hot to cold, **Floraesters™ 60** adds structure to the formula which can contribute to lash length, volume and definition without the flaking.

Together with **Floraesters™ 15** for pigment dispersion, **L22™** for lash conditioning, and **StarDesign™ Citrus** for emulsion stability and lash volume, this formula will help make eyelashes your best new beauty accessory. Get ready to bat, blink, wink and be bold… starting with Lush Lash Primer!

Cargill Beauty
Unleashing Nature
Sustainably

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CHARACTERISTICS

- **pH:** 7.0-8.0
- **Viscosity:** 110k – 144k cP: Brookfield Digital Viscometer Model RVDV-E at RT, T-C, Spindle 93, 2.0rpm
- **Appearance:** Cream
- **Stability:** passed 2 weeks at 50C, 2 months stability at RT & 4 and 45°C, 3 cycles in F/T and H/C Process

PROCESS

1. Mix ingredients of Phase A in main vessel with slow homomixing agitation at room temperature. FiberDesign Citrus is recommended to pre-mixed with Zemea.
2. Begin heating to 70-75°C.
3. Slowly operate the homomixing with medium – rapid agitation to activate Sclerotium Gum, a component of StarDesign Citrus, once temperature reach 70-75°C.
4. Mix ingredients of Phase B in a separate vessel at 70-75°C.
5. Add Phase B to Phase A in homomixing with rapid agitation at 70-75°C.
6. When it becomes uniform, shift the batch to propeller mixing with medium- rapid agitation. Begin cooling to 55-60°C.
7. Slow propeller with slow- medium agitation at 60°C.
8. Add Phase C at 50-55°C with rapid propeller agitation.
9. Add Phase D at 45-50°C with rapid propeller agitation.
10. Mix all ingredients of Phase E at 45-50°C, then add to Phase ABC at 45-50°C with rapid propeller agitation.
11. Stop mixing at 30-35°C.

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