## GLIDE-ON LIQUID EYE SHADOW

with Floraesters<sup>®</sup> 60, L22<sup>®</sup>, StarDesign<sup>™</sup> Power and Floraesters<sup>®</sup> 15



Looking for fuss-free, easy application eye shadow with an extra kick? Glide-on Liquid Eye Shadow contains **Floraesters® 60** for longer-lasting color and satiny texture. Together with our **L22®** to help reduce the appearance of fine lines, and **Floraesters® 15** for enhanced pigment dispersion, Glide-on Liquid Eyeshadow brings you eye-to-eye with renewed vibrancy!

Phase	Trade Name	INCI	Supplier	%WT
А	Deionized Water	Aqua		61.26
	Actigum™ CS 11 QD	Sclerotium Gum	Cargill	0.36
	Glycerin, USP	Glycerin	Cargill	2.40
	Zemea® Propanediol	Propanediol	Dupont Tate & Lyle	1.60
	Floraesters® 60	Jojoba Esters	Cargill	3.20
	Floraesters® 15	Jojoba Esters	Cargill	1.20
	Florasun <sup>®</sup> 90	Helianthus Annuus (Sunflower) Seed Oil	Cargill	3.20
В	L22®	Jojoba Oil/Macadamia Seed Oil Esters (and) Squalene (and) Phytosteryl Macadamiate (and) Phytosterols (and) Tocopherol	Cargill	1.60
	Lanette® 16	Cetyl Alcohol	BASF	1.20
	D-Alpha-Tocopheryl Acetate	Tocopherol Acetate	Cargill	0.08
	StarDesign™ Power	Sodium Starch Octenylsuccinate (and) Hydroxypropyl Starch Phosphate	Cargill	2.88
	Euxyl® PE9010	Phenoxyethanol (and) Ethylhexylglycerin	Schülke	0.80
С	Citric Acid (10% solution	Citric Acid (and) Water		0.14
	Dissolvine GL-47-S	Tetrasodium Glutamate Diacetate	Nouryon	0.08
D	MIRAGE Bronze	Calcium Sodium Borosilicate (and) Tin Oxide (and) Iron Oxides	Eckart America	5.00
	MIRAGE Red	Calcium Sodium Borosilicate (and) Titanium Dioxide (and) Tin Oxide	Eckart America	5.00
	MIRAGE Silver	Calcium Sodium Borosilicate (and) Titanium Dioxide (and) Tin Oxide	Eckart America	10.00





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## **CHARACTERISTICS**

- pH: 5.0-6.0
- Viscosity: 41-89 kcP, Brookfield Digital Viscometer Model RVDV-E at RT, T-C, Spindle S93, 2.0rpm.
- Appearance: thin lotion
- 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 the ingredients of Phase A in the main vessel with slow homogenization agitation at room temperature.
- 2. Begin heating to 70-75°C.
- 3. Slowly speed up the homogenization to activate Actigum CS11 once temperature reaches 70-75°C.
- 4. Mix ingredients of Phase B except StarDesign Power in a separate vessel at 70-75°C.
- 5. Add StarDesign Power once Phase B is melted and uniform.
- 6. Add Phase B to Phase A with homogenization agitation of 8500-9000rpm at 70-75°C.
- 7. Once uniform, shift the batch to propeller mixing with medium rapid agitation. Begin cooling to 55-60°C.
- 8. Slow propeller speed to slow medium agitation at 60°C.
- 9. Add Phase C with brief rapid propeller agitation at 40-45°C.
- 10. Stop mixing at 35-40°C.
- 11. When the emulsion becomes stable (recommended overnight), add Phase D with brief rapid propeller agitation at room temperature.



