



Clear, Silicone-Free Under Eye Rejuvenator



a **Cargill** company

Products Highlighted: **Floramac® 10, Floraesters K-100® Jojoba, and L22®**

This clear under eye rejuvenating stick is silicone-free and provides hydration which aids in the appearance of healthy, radiant skin. Floramac 10 contributes dry emolliency and high spread aesthetics often associated with low viscosity silicones. This formula was carefully designed to maximize the beneficial properties of enhanced skin elasticity and firmness from L22, while incorporating the proven skin hydration synergy between Floraesters® K-100 Jojoba with glycerin and butylene glycol.

Phase	Trade/Common Name	INCI Name	Manufacturer	%wt/wt
A.	Floramac 10 AJK-OD2046 ¹	Ethyl Macadamiate Octyl Dodecanol (and) Dibutyl Lauroyl Glutamide (and) Dibutyl Ethylhexanoyl Glutamide	Floratech Ajinomoto Co., Inc.	67.30 20.00
B.	Floramac 10 Floraesters K-100 Jojoba Butylene Glycol Glycerine 99.7% USP Kosher Actique® Ceramide Covi-Ox® T 70 C L22	Ethyl Macadamiate Hydrolyzed Jojoba Esters (and) Jojoba Esters (and) Water (Aqua) Butylene Glycol Glycerin Ceramide NG Tocopherol Jojoba Oil/Macadamia Seed Oil Esters (and) Squalene (and) Phytosteryl Macadamiate (and) Phytosterols (and) Tocopherol	Floratech Floratech Making Cosmetics Acme-Hardesty Co. Jarchem Industries, Inc. BASF Corporation Floratech	q.s. 1.00 1.50 0.30 0.10 0.05 1.50
C.	Preservative ²	-----	-----	q.s.
Total				100.00

Mixing Procedure

- Mix ingredients of Phase A at 105-110°C with moderate propeller agitation.
- In a separate vessel, mix the Floraesters K-100 Jojoba, Butylene Glycol, and Glycerine 99.7% USP Kosher of Phase B at room temperature.
- Add Floramac 10 of Phase B to the mixture and begin heating to 80-85°C. Keep mixing until a gel forms. Add the remaining ingredients of Phase B and continue mixing until uniform, while maintaining a temperature of 80-85°C.
- Begin cooling Phase A to 80-85°C.
- Add Phase B to Phase A at 80-85°C
- Cool Phase AB to 75-80°C, then add Phase C with moderate propeller agitation.
- Pour product at 77-78°C into containers.

¹ The material mentioned below can be used as an alternative to the AJK-OD2046.

Mixing Procedures:

- Mix the ingredients at 130°C with low to moderate propeller agitation.
- Once the mixture becomes uniform, stop mixing. Begin cooling to room temperature without propeller agitation.

Ingredient	%wt./wt.
Eutanol® G (BASF Corporation)	80.0
GP-1 (Ajinomoto Co. Inc.)	12.0
EB-21 (Ajinomoto Co. Inc.)	8.0
TOTAL	100.00

² Preservative: *sensiva*® SC 50 [INCI: Ethylhexylglycerin] supplied by Schülke Inc.

Typical Properties: **Dropping Point: 91 - 95°C**
Penetration: 272 - 371 dmm

Note: The information herein is based on our research and the research of others and is believed to be accurate. No guarantee of accuracy is made and the products are provided without warranty, expressed or implied and upon condition that purchasers shall make their own tests to determine the suitability, stability or safety of such products for their particular purposes. Likewise, statements concerning the possible use of these products are not intended as recommendations to use these products in infringement of any patent or in the treatment, prevention, or cure of any medical condition. INCI/trade names must be verified with each manufacturer. (Cleared for Public Disclosure)