





Water-Free Cleansing Oil Gel

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



a **Cargill** company

This cleansing oil gel uses Floramac 10 to rid the face of dirt and residue, leaving the skin soft and hydrated. Floraesters® K-100 Jojoba has been shown to enhance barrier recovery, increase skin hydration, and decrease the appearance of erythema. Florabeads Jojoba add gentle yet effective exfoliation.  

Phase	Trade/Common Name	INCI Name	Manufacturer	%wt./wt
A.	Floramac 10	Ethyl Macadamiate	Floratech	55.35
	Salacos® PG-218	Polyglyceryl-10 Dioleate	Nisshin Oillio Mills Ltd.	7.50
	Salacos® DG-158	Polyglyceryl-2 Sesquicaprylate	Nisshin Oillio Mills Ltd.	3.80
	SYNETH® C15 K RSPO MB AJK-OD2046 ¹	Polyglyceryl-10 Caprylate/Caprates Octyl Dodecanol (and) Dibutyl Lauroyl Glutamide (and) Dibutyl Ethylhexanoyl Glutamide	Lonza, Inc. Ajinomoto Co., Inc.	7.00 7.00
B.	Floramac 10	Ethyl Macadamiate	Floratech	q.s.
	Covi-Ox® T 70 C	Tocopherol	BASF Corporation	0.05
	Floraesters K-100 Jojoba	Hydrolyzed Jojoba Esters (and) Jojoba Esters (and) Water (Aqua)	Floratech	1.00
	Glycerin	Glycerin	Cargill Beauty	1.00
C.	Eldew® PS-203	Phytosteryl/Octyldodecyl Lauroyl Glutamate	Ajinomoto Co., Inc.	0.50
	Fragrance ²	-----	-----	q.s.
	Preservative ³	-----	-----	q.s.
D.	Florabeads Jojoba 60/100 White (Natural)	Jojoba Esters	Floratech	6.00
	Total			100.00

Mixing Procedure

- Mix the ingredients of Phase A at 110-115°C with moderate propeller agitation. Keep mixing until the AJK-OD2046 is completely dissolved and the mixture becomes uniform. (Failure to complete this process affects the viscosity of the final product.)
- Mix the Floraesters K-100 Jojoba with the Glycerine 99.7% USP Kosher of Phase B at room temperature with moderate propeller agitation. Once uniform add the Floramac 10 and the Covi-Ox T 70 C to the mixture. With continued mixing, begin heating to 80-85°C.
- When Phase A becomes uniform, begin cooling to 80-85°C.
- Add Phase B to Phase A at 80-85°C with moderate propeller agitation.
- When the mixture becomes uniform, begin cooling to room temperature. Stop mixing at 50-55°C and continue cooling without mixing.
- When the mixture forms a solid gel at room temperature, break the gel by mixing with moderate to rapid propeller agitation. Keep mixing until the gel becomes a uniform liquid.
- Add the ingredients of Phase C in the order listed to the mixture at room temperature with moderate to rapid propeller agitation.
- Add the ingredients of Phase D to Phase ABC at room temperature with moderate to rapid propeller agitation.

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 Fragrance: Rain Shower Fragrance ORC1004370 [INCI: Fragrance] supplied by Orchidia Fragrances

³ Preservative: sensiva® SC 50 [INCI: Ethylhexylglycerin] supplied by Schülke Inc.

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)

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 Demo Available  Efficacy Data Available (ref. Claim Sheet 16-092: Increased Consumer Preference with Floramac® 10 in a Gelled Cleansing Oil)