



a Cargill company

Moringa Butter Moisturizing Body Masque

Products Highlighted: *Floralipids® Moringa Butter, Floramac® 10, Floraesters® 30, and Floraesters K-100® Jojoba*



The following formula allows the formulator to vary sub-component phases that lend one or more aesthetic and performance characteristics. This chassis couples the wax-ester character of Floratech's wide range of natural ingredients with traditional glycerides, fatty acids, poly alpha olefins, silicones, and silicone powders. By varying these sub-component phases, the formulator can match marketing needs for natural content with specific performance points for slip (silicones), longevity of wear (poly alpha olefins), moisturization (glycerin and Floraesters K-100 Jojoba synergy), and matte finish (Floralipids Moringa Butter).

Phase	Trade/Common Name	INCI Name	Manufacturer	%wt/wt
A.	Deionized Water	Water	-----	q.s.
	Versene® Na2 Crystals Chelating Agent	Disodium EDTA	The Dow Chemical Co.	0.10
	Zemea® Propanediol	Propanediol	DuPont Tate & Lyle BioProducts	4.00
	Glycerine 99.7% USP Kosher	Glycerin	Acme-Hardesty Co	1.50
	Aristoflex® AVC	Ammonium Acryloyldimethyltaurate/VP Copolymer	Clariant Corporation	0.50
B.	Floralipids Moringa Butter	Moringa Oil/Hydrogenated Moringa Oil Esters	Floratech	8.00
	Dow Corning® 2503 Cosmetic Wax	Stearyl Dimethicone	Dow Corning Corporation	1.50
	Permalene® 400 Polyethylene	Polyethylene	New Phase Technologies/Baker Hughes	1.00
	Xiameter® OFX-0190 Fluid	PEG/PPG 18/18 Dimethicone	Dow Corning Corporation	1.50
	Performacol® 425 Alcohol	C20-40 Alcohols	New Phase Technologies/Baker Hughes	1.00
	Lexemul® 561	Glyceryl Stearate (and) PEG-100 Stearate	Inolex	2.50
	Palmitic Acid 95% FGK	Palmitic Acid	Acme-Hardesty Co	1.00
	Myristic Acid 98% FGK Flakes	Myristic Acid	Acme-Hardesty Co	1.00
	Lanette® O	Cetearyl Alcohol	BASF Corporation	2.50
	Floramac 10	Ethyl Macadamiate	Floratech	3.00
	Floraesters 30	Jojoba Esters	Floratech	10.00
C.	Floraesters K-100 Jojoba¹	Hydrolyzed Jojoba Esters (and) Jojoba Esters (and) Water (Aqua)	Floratech	0.35
	Gransil® SiW-050	Isododecane (and) Dimethicone (and) Polysilicone-11 (and) Coco-Caprylate/Caprata (and) Water (and) Butylene Glycol (and) Decyl Glucoside	Grant Industries	5.00
D.	Preservative ²	-----	-----	q.s.
	Fragrance ³	-----	-----	q.s.
	Sepigel® 305	Polyacrylamide (and) C13-14 Isoparaffin (and) Laureth-7	Seppic	1.00
Total				100.00

Mixing Procedure

1. Combine all ingredients of Phase A, except the Aristoflex AVC, at room temperature with moderate propeller agitation. Slowly add the Aristoflex AVC and heat to 85-90°C.
2. Combine all ingredients of Phase B. Mix at 85-90°C until completely melted and uniform.
3. Slowly add Phase B to Phase A with moderate propeller agitation at 85-90°C.
4. Homogenize at 85-90°C.
5. Remove from heat and cool to 65°C with moderate propeller agitation.
6. Add Phase C and mix thoroughly until the Gransil SiW-050 is dispersed completely.
7. Cool to 45°C and add Phase D with moderate propeller agitation. Cool to room temperature.

¹ Floraesters K-100 Jojoba can also be directly added to and dispersed within the oil phase (Phase B).

² Preservative: Lincoserve® CG-5 [INCI: Caprylyl Glycol (and) Phenoxyethanol (and) Hexylene Glycol (and) Potassium Sorbate (and) Water] supplied by Lincoln Fine Ingredients

³ Fragrance: Green Floral Fragrance ORC0801045 [INCI: Fragrance] supplied by Orchidia Fragrances

Typical Properties: pH: 5 - 7
Viscosity: >125kcp

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)