



Jojoba-Mac Body Butter

Products Highlighted: *Floramac® Macadamia Oil Refined, Floraesters® 30, Floraesters 15, and Florasun® 90*



a **Cargill** company

This rich-bodied, creamy moisturizer contains a blend of jojoba esters, macadamia oil, and cocoa butter. The product highlights the oxidatively stable emolliency of both jojoba esters and high-oleic sunflower seed oil.

Phase	Trade/Common Name	INCI Name	Manufacturer	%wt/wt
A.	Deionized Water Versene® Na2 Crystals Chelating Agent	Water Disodium EDTA	----- The Dow Chemical Co.	q.s. 0.03
B.	Glycerin 99.7% USP Kosher Keltrol® CG-T	Glycerin Xanthan Gum	Acme-Hardesty Co. CP Kelco	5.00 0.30
C.	Floramac Macadamia Oil Refined Floraesters 30 Floraesters 15 Biochemica® Cocoa Butter White Florasun 90 Botanisol® CP-33 Xiameter® PMX-200 Silicone Fluid 10cs Lexemul® 561 Emulgade® PL 68/50	Macadamia Integrifolia Seed Oil Jojoba Esters Jojoba Esters Theobroma Cacao (Cocoa) Seed Butter Helianthus Annuus (Sunflower) Seed Oil Cyclopentasiloxane Dimethicone Glyceryl Stearate (and) PEG-100 Stearate Cetearyl Glucoside (and) Cetearyl Alcohol	Florotech Florotech Florotech The HallStar Company Florotech Botanigenics Dow Corning Corporation Inolex BASF Corporation	5.00 3.00 1.00 5.00 2.00 4.00 0.50 4.00 3.00
D.	Preservative ¹	-----	-----	q.s.
E.	Color Fragrance ²	Color -----	----- -----	q.s. q.s.
Total				100.00

Mixing Procedure

1. Dissolve the Versene Na2 Crystals Chelating Agent in the deionized water with moderate stirring at 75°C.
2. Mix the Keltrol CG-T in the Glycerin 99.7% USP Kosher. Add Phase B to Phase A with rapid stirring at 75°C.
3. Combine all ingredients of Phase C at 75°C with moderate propeller agitation. Add Phase C to Phase AB at 75°C with moderate propeller agitation.
4. Reduce temperature of the batch to 50°C and add Phase D to Phase ABC with moderate propeller agitation.
5. Add Phase E to Phase ABCD at 40-45°C with moderate propeller agitation.
6. Cool batch with moderate agitation to room temperature.

¹ Preservative: Phenonip® [INCI: Phenoxyethanol (and) Methylparaben (and) Ethylparaben (and) Butylparaben (and) Propylparaben (and) Isobutylparaben] supplied by Clariant Corporation

² Fragrance: Almond Bouquet Fragrance ORC0802528 [INCI: Fragrance] supplied by Orchidia Fragrances

Typical Properties: pH: 4 - 5
Penetration: 346 - 396 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)