

Category: Skincare

AG1-027: Natural Mango Butter Body Lotion

Ingredient	INCI	Supplier	W/W%
Phase A (aqueous)			
DI Water	Water	--	67.2
Glycerin	Glycerin	Alzo International	2
Dermol CG	Caprylyl glycol	Alzo International	0.3
Gum Arabic Spray Dry Powder	Acacia Senegal Gum	TIC Gums	1
Phase B (oils)			
Beantree	Methylheptyl Isostearate	Alzo International	9
Trivent Mango Butter	Mangifera Indica (Mango) Seed Butter	Alzo International	5
Dermol MBDD	Mango Butter Dimer Dilinoleyl Esters/Dimer Dilinoleate Copolymer	Alzo International	2
Dermowax BB	Behenyl Behenate	Alzo International	4.5
Dermol SLLC-LF	Sodium Lauroyl Lactylate	Alzo International	3
Dermowax GMS	Glyceryl Monostearate	Alzo International	2
Stearyl Alcohol	Stearyl Alcohol	Alzo International	2
Hetester SSS	Stearyl Stearoyl Stearate	Alzo International	2
Total			100.0

Manufacturing Procedure:

- 1) In a beaker combine water, glycerin & Dermol CG, heat and stir with homogenizer, then slowly add gum, allow to mix until fully dispersed.
- 2) In a side beaker combine the oil phase ingredients. Heat both phases to 80° C
- 3) Slowly add oil phase to water phase to create emulsion. Homogenize for 10 minutes at 4,000 rpm (use lower speed if necessary, to reduce aeration).
- 4) Turn off heat and allow to cool while stirring with U-blade on prop mixer.

Alzo Ingredient Benefits:

Dermol MBDD – naturally-derived polymer from mango butter & rapeseed oil; great for retaining moisture in the skin and hair

Dermol SLLC-LF – naturally-derived, biodegradable emulsifier with good skin tolerance and moisturizing benefits

Dermowax BB – waxy ester that adds body to the formula and provides substantivity to skin and hair

Trivent Mango Butter – natural ECOCERT butter that melts at body temperature. Skin-softening alternative to shea or cocoa butters