



Pomegranate Body Lotion with SiBrid® DiEthicones

As an emollient, SiBrid® DE-15 provides a non greasy, light, and breathable feel to skin care products and can be used to reduce the tackiness of natural oils in formulations. SiBrid® DE-12 is soluble in common skincare ingredients, such as Caprylic/Capric Triglyceride, and solubilizes Vitamin E completely into the oil phase.

INCI Name	Ingredient	Supplier	Wt%
PHASE A			
Water	Deionized Water		q.s.
Xanthan Gum	Van Zan®	RT Vanderbilt	0.20
Glycerin			2.00
PHASE B			
Caprylic/ Capric Triglyceride			5.00
Helianthus annuus (Sunflower) Seed Oil	Sunflower Oil		4.00
Polydiethylsiloxane	SiBrid® DE-15	Gelest	3.00
Polydiethylsiloxane	SiBrid® DE-12	Gelest	0.50
Tocopherol	Vitamin E	DSM	0.50
Laureth-7	Rhodasurf® L-7/90	Solvay	1.50
Polyglyceryl-2 Sesquiisostearate	Hostacerin® DGI	Clariant	2.50
PHASE C			
Ammonium Acryloyldimethyltaurate/VP Copolymer	Aristoflex® AVC	Clariant	0.80
PHASE D			
Fragrance	Pomegranate		q.s.
Preservative		Schülke	q.s.
		TOTAL	100

PROCEDURE:

- In Phase A, premix gum and glycerin and add to water.
- Mix under high speed until gum is hydrated and dispersed.
- Premix DE-12 and Vitamin E and add to Phase B. Mix until uniform.
- Slowly add Phase B to Phase A. Mix with high speed to emulsify.
- Add Phase C and mix until thickened.
- Add Phase D and mix until dispersed.
- Adjust pH to 5.5 if necessary.

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Formula LF2-089