

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 (Aqua)	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/Paradigm Science	3.00
Polydiethylsiloxane	SiBrid® DE-12	Gelest/Paradigm Science	0.50
Tocopherol	Vitamin E	DSM	0.50
Laureth-7	Rhodasurf® L-7/90	Rhodia	1.50
Polyglyceryl-2 Sesquiosostearate	Hostacerin®DGI	Clariant	2.50
Phase C			
Ammonium Acryloyldimethyltaurate/ VP Copolymer	Aristoflex®	Clariant	0.80
Phase D			
Fragrance	Pomegranate 2300	Vanessence	q.s.
Preservative			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 Phase B and slowly add to Phase A. Mix under 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.

Formula courtesy of



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