

Formula LF1-006

Body Lotion with SiBrid[®] DE-12 & DE-15

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. The addition of SiBrid[®] DE-12 ensures complete solubility of Vitamin E in 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 Inc	3.00
Polydiethylsiloxane	SiBrid[®] DE-12	Gelest/Paradigm Science Inc	0.50
Tocopherol	Vitamin E	DSM	0.50
Laureth-7	Rhodasurf [®] L-7/90	Rhodia	1.40
Ployglyceryl-2 Sesquiosostearate	Hostacerin [®] DGI	Clariant	2.60
Phase C			
Ammonium	Aristoflex [®]	Clariant	0.80
Acryloyldimethyltaurate/VP Copolymer			
Phase D			
Fragrance			q.s.
Preservative			q.s.
Total			100.00

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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