



BERGAMOT LEMONY DRIFT LIGHT CREAM

Lather up with this beautifully scented, hydrating light body cream. This emollient features a lightweight, rapidly dissolving texture formulated with natural-made oils, butters and Vitamin E antioxidants. **Medxtract Witch Hazel** and **Endipure™ SHEA** nut extracts lock in moisture and keep skin all-day nourished. Bio olive-based esters **Olivatis™ 19** and **Olivatis™ 18** create a stable oil-in-water emulsion and improve the overall aesthetics of the formulation. Paraben-free, formaldehyde-free, and PEG-free.

PHASE A

Deionized Water	67.48%
Dissolvine® NA2-S ^{1,2} (Disodium EDTA)	0.20%
Glycerin 99.7% USP Kosher ¹ (Glycerin)	4.00%
Medxtract Witch Hazel Distilled ^{1,3} (Hamamelis Virginiana Leaf Water)	1.00%

PHASE B

Olivatis™ 19 ^{1,3} (Olive Oil Polyglyceryl-6 Esters (and) Phospholipids)	7.00%
Safflower Oil ¹ (Carthamus Tinctorius (Safflower) Seed Oil)	2.00%
Cosmosil B ^{1,4} (Brassica Campestris Seed Oil (and) Oryza Sativa Bran Oil)	2.00%
Endimate® 33V ¹ (Caprylic/Capric Triglyceride)	1.00%
Endipure™ SHEA ¹ (Butyrospermum Parkii (Nut) Extract)	3.00%
Cosmosil 700 Mango Butter ^{1,4} (Mangifera Indica (Mango) Seed Butter)	4.00%
Olivatis™ 18 ^{1,3} (Olive Oil Polyglyceryl-6 Esters (and) Sodium Stearyl Lactylate (and) Cetearyl Alcohol)	6.00%

PHASE C

NaOH 40% aq. (Sodium Hydroxide)	q.s.
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PHASE D

SharoSENSE™ 252 ^{1,5} (Thymol (and) Linalool (and) Phenethyl Alcohol)	0.80%
Olivatis™ 15 ^{1,3} (Olive Oil Glycereth-8 Esters)	0.80%
Bergamot Italian Oil (Citrus Aurantium Bergamia (Bergamot) Fruit Oil)	0.36%
Eucalyptus Lemon Scented Ironbark Oil (Eucalyptus Staigeriana Branch/Leaf Oil)	0.36%



Suppliers

¹Coast Southwest, Inc. ²AkzoNobel Functional Chemicals LLC, ³Medolla Limited, ⁴International Cosmetic Science Centre, ⁵Sharon-Laboratories, Ltd.

Properties

pH: 6.0-6.5

Viscosity: spindle 5 @ 10 rpm = 7,000-10,000 cst

Procedure

Phase A – Combine Phase A ingredients in formula order into main vessel with propeller mixing and begin heating to 60°C to 65°C. Mix until fully dispersed. **Phase B** – In a separate vessel, begin with the first Phase B ingredient and heat to 60°C to 65°C. Once at desired temperature, continue to add Phase B ingredients in formula order under propeller mixing. Once fully uniform, add Phase B to Phase A with continuous mixing and increase speed if desired. Allow 2 to 3 minutes to mix, discontinue heat, and homogenize for 30 seconds until fully homogeneous.

Note: Temperature must be above 60°C to homogenize. Allow solution to cool with propeller mixing. **Phase C** – Once temperature is below 45°C, add Phase C to Phase AB with continuous mixing to pH above 6.0. **Phase D** – Combine Phase D in a separate vessel and add to Phase ABC; mix until fully uniform, then transfer to a holding vessel. Note: Batch will thicken at room temperature after 24 hours.