CoastSouthwest™
Fluid Thinking. Innovative Solutions.™

BERRY SMOOTHIE BRIGHTENING CREAM

This non-abrasive, leave-on exfoliant cream brightens skin for an overall improvement in complexion and evenness of skin tone. **GlyAcid® 99 HP**, a high purity glycolic acid in 99% crystalline form, gently exfoliates. **Endimate® IPM** and **Endicare® TN** promote a smooth spreading and wetting of the cream, while reducing greasiness and imparting a dry, emollient feel. Vegetable-derived **Olivatis™ 12** is an excellent water in oil emulsifier that formulates a silky, smoothie texture emulsion. Scandinavian **Nordic Beauty® Lingonberry** is a natural antioxidant super-fruit and colorant, known to maintain skin firmness, reduce hyperpigmentation, and protect skin from premature aging.

PHASE A	
Safflower Oil[1] (Carthamus Tinctorius (Safflower) Seed Oil)	2.00%
Colorless Jojoba Oil[1,2] (Simmondsia Chinensis (Jojoba) Seed Oil)	4.00%
Vitamin E Acetate[1] (Tocopheryl Acetate)	0.50%
Endimate® 33V[1] (Caprylic/Capric Triglyceride)	4.00%
Endimate® IPM[1] (Isopropyl Myristate)	3.00%
Endicare® TN[1] (C12-15 Alkyl Benzoate)	2.00%
PHASE B	
Olivatis™ 12[1,3] (Polyglyceryl-3 Pentaolivate)	7.00%
Creabase MSO[1,4] (Limnanthes Alba (Meadowfoam) Seed Oil (and) Cera Alba (and) Hydrogenated Meadowfoam Seed Oil)	1.50%
Sunflower Wax[1] (Helianthus Annuus (Sunflower) Seed Oil)	0.25%
PHASE C	
Deionized Water	63.95%
Dissolvine® NA2-S[1,5] (Disodium EDTA)	0.20%
Glycerin[1] (Glycerin)	1.00%
Propylene Glycol[1] (Propylene Glycol)	3.50%
GlyAcid® 99 HP[1,6] (Glycolic Acid)	4.00%
NaOH 40% aq. Solution (Sodium Hydroxide)	q.s.
Nordic Beauty® Lingonberry Dispersion[1,4] (Water (and) Vaccinium Vitis-Idaea Fruit Extract (and) Maltodextrin (and) Sodium Benzoate (and) Potassium Sorbate)	1.50%
NaCl (Sodium Chloride)	0.60%
Sharomix EG14[1,7] (Ethylhexylglycerin (and) Phenoxyethanol)	1.00%

REVISION DATE: 06/06/2017

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Suppliers

[1]**Coast Southwest, Inc.** [2]Jojoba Desert, [3]Medolla Limited, [4]The Innovation Company®, [5]AkzoNobel Functional Chemicals LLC, [6]CrossChem, [7]Sharon-Laboratories, Ltd.

Properties

pH: n/a
Viscosity: spindle 6 @ 12 rpm = 23,330 cst.

Procedure

Phase A – In main vessel, combine Phase A ingredients under propeller mixing and begin heating to 70-75°C. **Phase B** – Once at desired temperature, add phase B to phase A with continuous mixing. **Phase C** – Disperse Phase C in a separate vessel until a uniform mixture is formed. Adjust pH of GlyAcid® 99 HP using NaOH to pH above 4.2. Add Phase C to Phase AB slowly under agitation of 500-600 rpm while maintaining the temperature above 70°C. Adjust the mixing speed to combine the two phases with a small vortex. Continue mixing the solution for 15 to 20 minutes until fully uniform. Switch to homogenizer and homogenize for 30 seconds at 3.0 rpm while the emulsion is still at 70°C. Once complete, allow to cool and transfer to a holding vessel.

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