

blemish soothing moisturizer

formula #: 100-10117

material #: 870398

ingredients (trade name INCI name)		%w/w	supplier
phase a			
Deionized water	Water/Aqua/Eau	77.0000	Local
Tetrasodium EDTA	Tetrasodium EDTA	0.1000	Local
Stabileze™ QM polymer	PVM/MA Decadiene Crosspolymer	0.3500	Ashland
Lubrajel* MS Free hydrogel	Glycerin (and) Glyceryl Acrylate/Acrylic Acid Copolymer	3.0000	Ashland
LiquaPar™ MEP preservative	Phenoxyethanol (and) Methylparaben (and) Ethylparaben (and) Propylparaben	1.0000	Ashland
phase b			
ProLipid™ 151 lamellar gel	Glyceryl Stearate (and) Cetyl Alcohol (and) Stearyl Alcohol (and) Behenyl Alcohol (and) Palmitic Acid (and) Stearic Acid (and) Hydroxyethyl Cetearamidopropyldimonium Chloride	4.0000	Ashland
Emulsynt™ GDL ester	Glyceryl Dilaurate	2.0000	Ashland
Ceraphyl™ 494 ester	Isocetyl Stearate	1.5000	Ashland
Ceraphyl™ SLK ester	Isodecyl Neopentanoate	5.0000	Ashland
phase c			
Sodium Hydroxide	Sodium Hydroxide	0.0500	Local
Deionized water	Water/Aqua/Eau	1.0000	Local
phase d			
Vital™ ET biofunctional	Disodium Lauriminodipropionate Tocopheryl Phosphates	3.0000	Ashland
Elixiance™ biofunctional	Propanediol (and) Water/Aqua (and) Schinus molle Extract /Propanediol (and) Water/Aqua (and) Bioflavonoids	1.0000	Ashland
Unicert Green K7015-J (0.1% solution)	Green 5 (CI 61570)	1.0000	Sensient Cosmetic Technologies
total		100.00	

procedure

In the main beaker ,homogenize water and EDTA. Start to heat to 75-80C.

Add 1 by 1 the rest of phase a and mix well between each addition.

In a side beaker, prepare phase b and heat to 75-80C.

At 75-80C, add phase b to phase a and mix well.

Premix phase c at RT.

At 60 C add phase c into phase ab.

At 25 C, add phase d into the main vessel.

Stop at RT.

typical properties

description: Light blue/green cream

pH: 5.40-5.90

viscosity: 17,000 cps - 22,000 cps (Brookfield RVT/Spindle A/5 rpm/1 minute/25C)

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stability/challenge information: This formula passed standard stability protocol and micro challenge testing. The preservative system, however, has not been optimized to its lowest effective level.

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