



## NORDIC SUMMER BERRY GEL LOTION

**EASYGEL SOL** creates the body and cushion of a gel with its improved dispersion properties and emulsion stabilization. **Nordic Beauty® Lingonberry Dispersion** acts as an antioxidant using natural super fruit extract to help regenerate skin cells and help reduce the signs of aging. **Cosmosil B** incorporates natural fatty acids to contribute anti-inflammatory and anti-aging properties, working in combination with **Coconut Olein** to moisturize and soften the skin. **Olivatis™ 15** provides excellent o/w emulsion stabilization and imparts a light, non-tacky, silky feel.

### PHASE A

Deionized Water	78.60%
Glycerin 99.7% USP Kosher <sup>1</sup> (Glycerin)	4.00%
<b>Dissolvine® GL-47-S</b> <sup>1,2</sup> (Tetrasodium Glutamate Diacetate)	0.20%
<b>EASYGEL SOL</b> <sup>1,3</sup> (Carbomer)	0.40%
NaOH 40% aq. solution (Sodium Hydroxide)	q.s.
<b>Nordic Beauty® Lingonberry Dispersion</b> <sup>1,4</sup> (Water (and) Vaccinium Vitis-Idaea Fruit Extract (and) Maltodextrin (and) Sodium Benzoate (and) Potassium Sorbate)	1.00%

### PHASE B

<b>Moringa Seed Oil</b> <sup>1,5</sup> (Moringa Oleifera Seed Oil)	5.00%
<b>Coconut Olein</b> <sup>1,5</sup> (Cocos Nucifera (Coconut) Oil)	3.00%
<b>Cosmosil B</b> <sup>1,5</sup> (Brassica Campestris Seed Oil (and) Oryza Sativa Bran Oil)	2.00%
Vitamin E Acetate <sup>1</sup> (Tocopheryl Acetate)	1.00%
<b>Olivatis™ 15</b> <sup>1,6</sup> (Olive Oil Glycereth-8 Esters)	4.00%

### PHASE C

<b>Sharomix CPP</b> <sup>1,7</sup> ( Caprylyl Glycol (and) Phenylpropanol)	0.80%
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## Suppliers

<sup>1</sup>Coast Southwest, Inc., <sup>2</sup>AkzoNobel Functional Chemicals LLC, <sup>3</sup>3V Sigma-USA, <sup>4</sup>The Innovation Company®, <sup>5</sup>International Cosmetic Science Centre, <sup>6</sup>Medolla Limited, <sup>7</sup>Sharon-Laboratories Ltd.

## Properties

**pH:** 6.5-7.5

**Viscosity:** spindle 4 @ 10 rpm = 3,000-4,000 cst.

## Procedure

**Phase A** – In main vessel, combine Phase A ingredients in formula order with propeller mixing at 400 to 500 rpm. Disperse the EASYGEL SOL slowly in a metered fashion using high shear mixing. Do not allow lumps to form. Mix for 10 to 15 minutes until a clear, uniform gel forms. Continue to add the remaining Phase A ingredients. **Phase B** – In a separate vessel, combine Phase B ingredients in formula order under propeller mixing until uniform. Add Phase B to Phase A with speed of 250 to 280 rpm. Once complete, discontinue propeller mixing and switch to homogenizer. Homogenize for 30 seconds at a speed of 2,500 rpm. **Phase C** – Once solution is uniform, add Phase C to Phase AB under propeller mixing. Transfer to a holding vessel.

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