

## KISOLITE® *BMP* GLACIAL MINERAL FACIAL MASK

**Kisolite® *BMP*** Biogenic Mineral Powder draws out toxins, soothes, and provides light exfoliation. Unique physical properties make this glacial mineral powder ideal for spa and topical skin care formulations.

### PHASE A

Deionized Water	62.20%
Xanthan Gum (Xanthan Gum)	0.50%

### PHASE B

<b>Kisolite® <i>BMP</i></b> <sup>1,2</sup> (Clay)	15.00%
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### PHASE C

<b>Jojoba Oil</b> <sup>1,3</sup> (Simmondsia Chinensis (Jojoba) Seed Oil)	6.00%
<b>Coconut Oil</b> <sup>1,4</sup> (Cocos Nucifera (Coconut) Oil)	6.00%
<b>Cetearyl Alcohol</b> <sup>1</sup> (Cetearyl Alcohol)	3.00%
<b>Olivatis® 19</b> <sup>1,5</sup> (Olive Oil Polyglyceryl-6 Esters (and) Phospholipids)	2.50%
<b>Olivatis® 18</b> <sup>1,5</sup> (Olive Oil Polyglyceryl-6 Esters (and) Sodium Stearoyl Lactylate (and) Cetearyl Alcohol)	4.00%

### PHASE D

<b>Sharomix™ Amplify AM25</b> <sup>1,6</sup> (Phenoxyethanol (and) Chlorphenesin (and) Caprylyl Glycol (and) Didecyldimonium Chloride)	0.80%
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## Suppliers

<sup>1</sup>Coast Southwest, Inc., <sup>2</sup>Kisolite Corp. <sup>3</sup>Jojoba Desert (A.C.S. LTD), <sup>4</sup>International Cosmetic Science Centre (ICSC), <sup>5</sup>Medolla Iberia S.L., <sup>6</sup>Sharon-Laboratories Ltd.

## Properties

**pH:** 6.5 to 7.5

**Viscosity:** Spindle 5 @ 20 = 15,000 to 18,000 cps.

## Procedure

**Phase A** – In main vessel with mixing, disperse phase A in DI water. **Phase B** – Once hydrated, slowly add phase B. The solution will appear discontinuous at first; allow the solution to wet out completely until uniform. Begin heating to 65°C to 70°C. **Phase C** – In a separate vessel begin heating and mixing Phase C to 65°C to 70°C. At 65°C to 70°C, add Phase C to Phase AB. Increase speed as needed. Avoid introducing air. Once batch is completely uniform, discontinue heat and begin cooling. **Phase D** – At 40° C, add Phase D. Transfer the mixture to holding vessel. Product will continue to thicken.