

## Blemish Control Clay Mask

A soft textured mask with natural clays and **Apobac** to unclog pores and clear imperfections. **Apobac** reduces sebum production, inhibits acne causing bacteria and reduces redness and inflammation associated with acne and spots.

**Directions for use:** Apply a thin layer to your face 2 times per week, leave for 5-10 minutes and rinse off. Use more frequently during times of break out.

Trade Name	INCI Name	Function	%W/W	Supplier
1 Water	Aqua	Solvent	58.25	
2 VEEGUM® Ultra	Magnesium Aluminum Silicate	Thickener	4.5	Vanderbilt Minerals, LLC
3 Glycerin E	Glycerin	Humectant	2.5	ZSCHIMMER & SCHWARZ Ch
4 Cosphaderm® X34	Xanthan Gum	Rheology Modifier	0.25	Cosphatec GmbH Via ProTec Ingredia
5 Cosphaderm® Propanediol natural	Propanediol	Humectant	2.5	Cosphatec GmbH Via ProTec Ingredia
6 Euxyl® PE9010	Phenoxyethanol & Ethylhexylglycern	Preservative	1	Schulke UK
7 Kaolin Light	Kaolin	Purifying Clay	26	Just for Today Ltd
8 AEROSIL® 200	Silica	Thickener	1	Evonik
9 Apobac™	Azelamidopropyl Dimethyl Amine (and) Water (and) Butylene Glycol	Active Ingredient	4	Corum Inc Via ProTec Ingredia Ltd

ProTec Ingredia Ltd  
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## Method of Manufacture

### Into the main vessel add:

Water	Start the mixer on a moderate fast speed.
VEEGUM® Ultra	Mix until homogenous.
Euxyl® PE9010	Mix until homogenous.

### Commence heating the product to 65-70C. To fully hydrate the Veegum.

### Into a suitable premix vessel add:

Glycerin E	
<b>Cosphaderm® X34</b>	
<b>Cosphaderm® Propanediol natural</b>	Mix until homogenous

### Add the premix into the main vessel:

### Increase the mixer speed to fast and mix for 5 mins until uniform. Or use a homogeniser if preferred.

### Into the main vessel add:

Kaolin Light	Mix until homogenous
Silica	Mix until homogenous

### Commence Cooling the product to 23C.

### When the product is homogenous change to gate/paddle agitation and mix on a moderate speed.

### Adjust the mixer speed accordingly during cooling to ensure adequate mixing, avoiding aeration.

### Into the main vessel add:

<b>Apobac™</b>	Mix until homogenous
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### When the product is at 23C check the product specification.

## Product Specifications

pH	5.50-6.00
Viscosity	30-50,000 cps Brookfield RVT T-Bar D speed 2.5, one minute.
Colour	Grey
Appearance	Solid shiny semi solid

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