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# ELEMENTIS

SPECIALTIES

## HONEY BODY BUTTER

### REFC-138

Water-in-oil moisturising cream containing BENTONE GEL® HSO V and BENTONE® LT, rheological additives

#### Advantages

The presence of BENTONE GEL® HSO V and BENTONE® LT, rheological additives, in this system:

- Provide a rich nourishing feel on application and eliminate residual tackiness
- Provide thermostable viscosity control and improve emulsion stability
- Enhances skin-feel conveying smoother application
- Improves emulsion stability

Ingredient	Supplier	% w/w
<b>BENTONE® GEL HSO V rheological additive</b>	<b>ELEMENTIS Specialties</b>	<b>2.0</b>
<b>BENTONE® LT rheological additive (3 % dispersion)</b>	<b>ELEMENTIS Specialties</b>	<b>20.0</b>
Methyl Glucose Dioleate	Amerchol Corporation	4.0
Methyl Glucose Sesquistearate	Goldschmidt	1.0
Glycine Soya (Soybean) Oil	A&E Connock	6.0
Limnanthes Alba (Meadowfoam) Seed Oil	A&E Connock	2.0
Caprylic/Capric Triglyceride	Croda	10.0
Beeswax	A&E Connock	0.5
Cetearyl Alcohol	Croda	4.0
Vegetable Glycerin	Croda	4.0
PPG-10 Methyl Glucose Ether	Amerchol	2.0
Honey (Pure Acacia)	A&E Connock	0.5
Perfume Sweet Honey		0.5
<b>FDC Yellow 5 (0.5% sol)</b>	<b>QUANTUM COLOURS</b>	<b>0.4</b>
Phenoxyethanol (and) Methylparaben (and) Ethylparaben (and) Propylparaben (and) Butylparaben (and) Isobutylparaben	Sharon Laboratories	0.2
Deionised water		

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## Method of Manufacture

1. Prepare the 3% dispersion of the BENTONE® LT in water (see below).
2. Thoroughly disperse, using a silverson homogeniser, the BENTONE GEL® HSO V in the Soya Bean Oil, Meadowfoam Oil and Caprylic/Capric Triglyceride, then add the Methyl Glucose Dioleate, Methyl Glucose Sesquistearate, Beeswax and Cetearyl Alcohol and heat to 75-80°C.
3. Prepare the aqueous phase by mixing the water, using a silverson homogeniser, with BENTONE® LT dispersion (above), Glycerin, PPG-10 Methyl Glucose Ether, colour solution and Honey. Ensure that the BENTONE® LT dispersion is homogeneous with the rest of the components. Heat to 75-80°C.
4. Using high shear mixing (e.g. silverson homogeniser), add the two phases together and continue to homogenise.
5. At approximately 50°C transfer to a propeller stirrer. The product will soon start to thicken around the sides of the vessel and may require manual assistance if scraper blades are not fitted to the propeller.
6. At 30 °C add the perfume and preservative, with stirring.

## Preparation of BENTONE® LT Dispersion

1. Prepare a 3% dispersion of BENTONE® LT additive in deionised water using a rotor-stator or similar high shear mixer (e.g. Silverson).  
Start the mixer in the water, steadily add the BENTONE® LT to the vortex and stir until completely dispersed (15-20 mins).
2. Allow the suspension to stand to let any entrapped air escape.

N.B.

Please refer to the Product Data Sheets for additional advice on incorporation.

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